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March 18, 2004, 07:16:14 ; Search time 26.1905 Seconds (without alignments) 98.874 Million cell updates/sec
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'(gnz_6')ptodata'1/pubpaa/PCT NEW PUB.pep:*

'(gnz_6')ptodata'1/pubpaa/PCT NEW PUB.pep:*

'(gnz_6')ptodata'1/pubpaa/USO6 PUBCOMB.pep:*

'(gnz_6')ptodata'1/pubpaa/PCT NEW PUB.pep:*

'(gnz_6')ptodata'1/pubpaa/PUBCOMB.pep:*

'(gnz_6')ptodata'1/pubpaa/USO8 NEW PUB.pep:*

'(gnz_6')ptodata'1/pubpaa/USO8 PUBCOMB.pep:*

'(gnz_6')ptodata'1/pubpaa'USO8 PUBCOMB.pep:*

'(gnz_6')ptodata'1/pubpaa'USO8 PUBCOMB.pep:*

'(gnz_6')ptodata'1/pubpaa'USO8 PUBCOMB.pep:*

'(gnz_6')ptodata'1/pubpaa'USO9 PUBCOMB.pep:*

'(gnz_6')ptodata'1/pubpaa'USO8 PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1049977 seqs, 258955339 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Published Applications AA:*
                                                                                                                                           OM protein - protein search, using sw model
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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59
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Searched:
                                                                                                                                                                                                                Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 1. Appli	Sequence 1. Appli			۸.		4	Sequence 3. Appli				Seguence 5, Appli		. 4	
ΙD	US-09-909-348-1	US-09-909-122-1	US-10-050-692-1	US-10-050-688-1	US-09-904-090-2	US-10-050-611-2	US-09-777-328-8	US-09-904-090-3	US-10-050-692-6	US-10-050-611-3	US-10-050-611-4	US-10-050-688-5	US-10-050-688-6	US-09-909-348-5	US-09-909-122-5
gth DB	10 9	10 9	10 13	10 13	12 9	12 13	23 9	23 9	23 13	23 13	23 13	23 13	23 13	25 9	25 9
% Query Match Length DB	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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Result No.	·I	71	m	4	Ŋ	9	7	80	6	10	11	12	13	14	. 15

equence 5, equence 45 equence 41 equence 41 equence 1, equence 1, equence 2, equence 2, equence 25 equence 25 equence 25 equence 25 equence 13	40 mm 00 - L - O mm
10-050-692 09-898-837 10-165-442 10-165-442 10-165-442 10-165-442 10-165-442 10-165-442 10-175-175 10-174-712 10-174	10-104-5894-13 10-104-5894-13 10-235-7891-2 10-235-7891-2 10-039-322-13 10-039-322-13 10-274-131-6 10-274-031-4 10-299-322-13 10-299-322-13
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11111000000000000000000000000000000000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

ALIGNMENTS

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JOSTON 2016

Sequence 1, Application US/09909348

Patent No. US2002004237341

Sequence 1, Application US/09909348

Patent No. US2002004237341

APPLICANT: Carney, Darrell H.

APPLICANT: Crowther, Roger S.

APPLICANT: Stiernberg, Janet

APPLICANT: Stiernberg, Janet

APPLICANT: Bergmann John

TITLE OF INVENTION: Of The No. US20020042373Al-Proteclytically Activated Thrombin R

FILE REPERENCE: 3033.1003-001.

CURRENT APPLICATION NUMBER: US/09/909,348

CURRENT FILING DATE: 2001-07-19

PRIOR APPLICATION NUMBER: US 60/219,800

PRIOR PALING DATE: 2000-07-20

SOFTWARE OF SEQ ID NOS: 5

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO : SEQ ID NO : LENGTH: 10
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100.0%; Score 59; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0076;
Matches 10; Conservative 0; Mismatches 0; Indels
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// OTHER INFORMATION: Peptide fragment of Thrombin US-09-309-348-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
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RESULT 1
US-09-909-348-1
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RESULT 2 US-09-909-122-1 ; Sequence 1, Application US/09909122

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Sequence 1, Application US/10050688

Publication No. US20020198154A1

GENERAL INFORMATION:

APPLICANT: Carney, Darrell H.

APPLICANT: Crowther, Roger S.

APPLICANT: Crowther, Janet

APPLICANT: Stienthery, Janet

APPLICANT: Bergmann, John

TITLE OF INVENTION: ADMINISTRY OF THE NON-PROTEOLYTICALLY ACTIVATED THROMBIN

TITLE OF INVENTION: RECEPTOR

FILE REFERENCE: 3033.1003-004

CURRENT APPLICATION NUMBER: US/10/050,688

CURRENT FILING DATE: 2001-01-16

PRIOR APPLICATION NUMBER: 09/909,348

PRIOR APPLICATION NUMBER: 05/219,800

PRIOR APPLICATION NUMBER: 65/219,800

PRIOR APPLICATION NUMBER: 65/219,800

SOFTWARE: PastSEQ for Windows Version 4.0

SOFTWARE: PastSEQ for Windows Version 4.0

LENGTH: 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0%; Score 59; DB 13; 18est Local Similarity 100.0%; Pred. No. 0.0076; Matches 10; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; FEATURE:
** OTHER INFORMATION: peptide fragment of thrombin
US-10-050-688-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                     APPLICANT: Carney, Darrell H.
APPLICANT: Carney, Darrell H.
APPLICANT: Carney, Dayler S.
APPLICANT: Simmons, David J.
APPLICANT: Nang, Jinping
APPLICANT: Nang, Jinping
TITLE OF INVENTION: Stimulation Of Bone Growth With Thrombin
TITLE OF INVENTION: Peptide Derivatives
TITLE OF INVENTION: Peptide Derivatives
TITLE OF INVENTION: 105/09/909,122
CURRENT APPLICATION NUMBER: US/09/909,122
CURRENT FILING DATE: 2001-07-19
NUMBER OF SEQ ID NOS: 5
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 59; DB 13; Length 10; 100.0%; Pred. No. 0.0076; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-050-692-1
Sequence 1, Application US/10050692
Publication No. US20020182205A1
GENERAL INFORMATION:
APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Simmons, David J.
APPLICANT: Wang, Jinping
APPLICANT: Redin, William R.
APPLICANT: Pend, WILLATION: PEPTIDE DERIVATIVES
TITLE OF INVENTION: PEPTIDE DERIVATIVES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 59; DB 9; Length 10; ilarity 100.0%; Pred. No. 0.0076; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/050,692
CURRENT FILING DATE: 2002-01-16
CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 09/909,122
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FASTERE for Windows Version 4.0
SOFTWARE: PASTERE for Windows Version 1.0
LENGTH: 10
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 10; Conserv
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                                                                  Query Match
Best Local Similarity 100.0%; Score 59; DB 9; Length 12;
Best Local Similarity 100.0%; Pred. No. 0.0091;
Matches 10; Conservative 0; Mismatches 0; Indels
Indels
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/10050611; Publication No. US20020187933A1; GENERAL INFORMATION:
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US-10-050-611-2
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RESULT 4 US-10-050-688-1

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RESULT 9
US-10-050-692-6
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Barent No. US2002032314A1

GENERAL INFORMATION:
APPLICANT: CAREY, DARRELL H.
APPLICANT: CAREY, DARRELL H.
APPLICANT: CAREY, DARRELL H.
TITLE OF INVENTION: SYNTHETIC PEPTIDE NEUTROPHIL CELL CHEMOTACTIC AGENTS
FILE REFERENCE: CHBP:002
CURRENT FILING DATE: 2001-02-05
PRIOR PAPLICATION NUMBER: 08/330, 594
PRIOR APPLICATION NUMBER: 08/330, 594
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.0
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CTHER INFORMATION: Description of Artificial Sequence: Synthetic;
CTHER INFORMATION: Peptide
US-09-777-328-8
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APPLICANT: Carney, Darrell H.

TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED
TITLE OF INVENTION: PREPTIDES
FILE REPERENCE: 303-1000-008
CURRENT APPLICATION NUMBER: US/10/050,611
CURRENT APPLICATION NUMBER: 09/904,090
PRIOR APPLICATION NUMBER: 09/904,090
PRIOR APPLICATION NUMBER: 60/217,583
PRIOR FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 60/217,583
SPRIOR FILING DATE: 2001-07-12
SPRIOR APPLICATION NUMBER: 60/217,583
SOFTWARE: FASTSEQ for Windows Version 4.0
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ouery Match 12, Score 59, DB 13, Length 12, Best Local Similarity 100.0%, Pred. No. 0.0091, Matches 10, Conservative 0, Mismatches 0, Indels
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Batent No. US20020061852A1
GENERAL INFORMATION:
APPLICANT: Carney, Darrell
TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED
TITLE OF INVENTION: PEPTIDES
FILE REPERENCE: 3033.1000-001.
CURRENT APPLICATION NUMBER: US/09/904,090
CURRENT FILING DATE: 2001-07-12
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// OTHER INFORMATION: human fragment of thrombin

US-10-050-611-2
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ORGANISM: Artificial Sequence
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Best Local Similarity 100...
Best Local O, Conservative
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LENGTH: 23
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION:.c-terminal amidated fragment of human thrombin
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| APPLICANT: Growther, Roger S. | APPLICANT: Simons, David J. |
| APPLICANT: Simons, David J. |
| APPLICANT: Redin, William R. |
| TITLE OF INVENTION: STINUARION OF BONE GROWTH WITH THROMBIN TITLE OF INVENTION: STINUARION OF BERIVATIVES |
| FILE REFERENCE: 3033.1002-004 |
| TITLE OF INVENTION: DEPTIDE DERIVATIVES |
| FILE REPERENCE: 3033.1002-004 |
| FILE REPERENCE: 3033.1002-004 |
| FRIOR APPLICATION NUMBER: 09/909,122 |
| PRIOR APPLICATION NUMBER: 06/219,300 |
| PRIOR FILING DATE: 2000-07-19 |
| RAWHERS OF SEQ ID NOS: 6 |
| SEQ ID NO 6 |
| SED I
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Publication No. US20020187933A1
GENERAL INFORMATION.
APPLICANT: Carney, Darrell H.
ITLE OF INVENTION: METHODS OF THERAPY WITH THROWBIN DERIVED
TITLE OF INVENTION: PEPTIDES
FILE PEPERENCE: 3033.1000-008
CURRENT APPLICATION NUMBER: US/10/050,611
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide, fragment of thrombin US-09-904-090-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 59; DB 13;
100.0%; Pred. No. 0.017;
live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 59; DB 9; Best Local Similarity 100.0%; Pred. No. 0.017; Matches 0; Mismatches 0
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PRIOR APPLICATION NUMBER: US 60/217,583
PRIOR FILING DATE: 2000-07-12
NUMBER OF SEQ ID NOS: 4
SEQ TWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/10050692
Publication No. US20020182205A1
GENERAL INPORMATION:
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Best Local Similarity 100.
Matches 10; Conservative
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Gaps

Length 23;

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Query Match 100.0%; Score 59; DB 13; Length 2 Best Local Similarity 100.0%; Pred. No. 0.017; Matches 10; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: peptide fragment of thrombin
US-10-050-688-5
         CURRENT APPLICATION NUMBER: US/10/050,688
CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 09/909,348
PRIOR FILING DATE: 2001-07-19
PRIOR PILING DATE: 2000-07-20
PRIOR PILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FREUSEQ for Windows Version 4.0
SSOFTWARE: 23
  RECEPTOR
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US-10-050-688-6
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GENERAL INFORMATION:
APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Bergmann, John
TITLE OF INVENTION: STIMULATION OF CARTILAGE GROWTH WITH
TITLE OF INVENTION: AGONISTS OF THE NON-PROTEOLYTICALLY ACTIVATED THROWBIN
                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: c-terminal amidated fragment of human thrombin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/10050611

Publication No. US200187933A1

GENERAL INFORMATION:

APPLICANT: Carney, Darrell H.

TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED

TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED

TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED

TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED

FILE REFERENCE: 3033.1000-008

CURRENT FILING DATE: 2002-01-16

PRIOR APPLICATION NUMBER: 09/904,090

PRIOR APPLICATION NUMBER: 09/904,090

PRIOR APPLICATION NUMBER: 60/217,583

PRIOR FILING DATE: 2000-07-12

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 4

LENGTH: 23
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NAME/KEY: AMIDATION
LOCATION: 23
CHER INFORMATION: valine is amidated as CONH2
US-10-050-611-4
                                                                                                                                                                                                                                                                                 CTHER INFORMATION: human fragment of thrombin US-10-050-611-3
CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 05/904,090
PRIOR FILING DATE: 2001-07-12
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-07-12
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 23
                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 100.
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Best Local Similarity 100.
Matches 10; Conservative
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14 CEGDSGGPFV 23
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US-10-050-688-5
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US-10-050-611-4
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Sequence 6, Application US/10050688

Sequence 6, Application US/10050688

Publication No. US20020198154A1

GENERAL INFORMATION:
APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Stiernberg, Janet
APPLICANT: Stiernberg, Janet
TITLE OF INVENTION: STIMULATION OF CARTILAGE GROWTH WITH
TITLE OF INVENTION: STIMULATION OF CARTILAGE GROWTH WITH
TITLE OF INVENTION: SCEPTOR
TITLE OF INVENTION: RECEPTOR
TITLE OF INVENTION: ACCOUNTS
TITLE OF INVENTION: ACCOUNTS
TITLE OF INVENTION RECEPTOR
TITLE OF INVENTION OF CARTILAGE
FILE REFERENCE: 3033.1003-004
CURRENT FILING DATE: 2002-01-16
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6
SEQ ID NO 6
SEQ ID NO 6
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: peptide fragment of thrombin
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Matches 10; Conservative
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LOCATION: (23)...(23)
CTHER INFORMATION: CONH2
US-10-050-688-6
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APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Stremberg, Janet
APPLICANT: Bergmann, John
John Bergmann, John
John Bergmann, John
John Bergmann, John
John Tille OF INVENTION: Of The No. US20020042373A1-Proteolytically Activated Thrombin Re
FILE REFERENCE: 3033.1003-001
OURRENT APPLICATION NUMBER: US 60/219,800
PRIOR APPLICATION NUMBER: US 60/219,800
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5.
LINGTH: 25
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APPLICANT: Carney, Darrell H.
APPLICANT: Carney, Darrell H.
APPLICANT: Carney, Dayled J.
APPLICANT: Simmons, David J.
APPLICANT: Simmons, David J.
APPLICANT: Simmons, David J.
APPLICANT: Redin, William R.
TITLE OF INVENTION: Stimmons, Dayled J.
TITLE OF INVENTION: Peptide Derivatives
TITLE OF INVENTION: Peptide Derivatives
TITLE OF INVENTION: 1033.1002-001
CURRENT APPLICATION NUMBER: US/09/909,122
CURRENT APPLICATION NUMBER: US/09/909,122
CURRENT FILING DATE: 2001-07-19
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Mindows Version 4.0
SEQ ID NO 5
LENGTH: 25
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Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 10; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 10; Conservative 0; Mismatches 0; Indels
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FEATURE:
OTHER INFORMATION: Peptide fragment of Thrombin US-09-909-122-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CTHER INFORMATION: Peptide fragment of Thrombin US-09-909-348-5
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Patent No. US20020128202A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Artificial Sequence
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Search completed: March 18, 2004, 07:24:51 Job time : 27.1905 secs

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RESULT 2
US-09-860-739-1
; Sequence 1, Application US/09860739
; Publication No. US20030166036A1
; GENERAL INFORMATION:
    APPLICANT: Hybritech Incorporated
; APPLICANT: Mikolajczyk, Stephen
; APPLICANT: Rittenhouse, Harry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          du
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                                                                                                                                                                                              March 18, 2004, 07:16:14; Search time 26.1905 Seconds (without alignments) 98.874 Million cell updates/sec
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1. /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2. /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1049977 seqs, 258955339 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                      - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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1 CXGDSGGPXV 10
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Match Length DB
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Perfect score:
Sequence:
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	35	2	e 14	equence 97,	equence 17	96	e 61	a 216	e 61,	11,	11,			Sequence 2, Appli	4	ω	equence 947	46	9	1,	7	equence 1,	equence 2,	H	N	1, Appl	N	equence 16,	Sequence 2, Appli
US-10-117-937-7	US-10-245-87	US-10-378-449-	US-10-298-965-1	US-10-051-874-9	US-10-148-671-	US-10-051-874-9	-10-028-24	15 US-10-074-978A-218	US-10-107-782-	09-755-100-	3-10-298-965-	39-874-198-	-09-874-238	US-10-388-32	-10-183-992-	4 US-10-183-992-	-09-82	US-09-895-793-9	4 US-10-183-992-	-909-348-	US-09-90	US-09-909-122-	US-09-909-122-	3 US-10-050-69	3 US-10-050-6	3 US-10-050-688-	3 US-10-050-688-	us-	US-09-904-090-
261	261	261	262	282	296	322	366	366	366	375	375	619	619	669	1019	1019	1079	1079	1083	10	10	10	10	10	10	10	10	12	12
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16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	32	36	37	38	30	0.4	41	42	43	44	45

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Sequence 5, Application US/09860739
Sequence 5, Application US/09860739
Publication No. US20030166036A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wikelajczyk, Stephen
TITLE OF INVENTION: Prostatic Hyperplasia (BPH)
FILE REFERENCE: 2024 451
CURRENT APPLICATION NUMBER: US/09/860,739
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5: 5
LENGTH: 54
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; ORGANISM: Homo sapiens
US-09-860-739-5
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Best Local Similarity
Matches 8; Conserv
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Sequence 946, Application US/09822827

Parent No. US20020081680A1

GENERAL INFORMATION:

APPLICANT: Xu. Jiangehun

ITILE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

ITILE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER

FILE REPERENCE: 21011.534C1

CURRENT FILING DATE: 2001-03-28

NUMBER OF SEQ ID NOS: 982

SOFTWARE: FESTESEQ for Windows Version 3.0

SEQ ID NO 946

LENGTH: 261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: Amino acid sequence of Prostate Specific Antigen
OTHER INFORMATION: (hPSA); accession no. P07288
US-09-796-294-10
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Pred. No. 4.9;
0; Mismatches 2; Indels
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llarity 80.0%; Pred. No. 5.1;
Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 10, Application US/09796294

Patent No. US20020037581A1

GENERAL INFORMATION:
APPLICANT: O'Brien, Timothy J.
APPLICANT: O'Brien, Timothy J.
PAPLICANT: O'Merwood, Lowell J.
FILE REFERENCE: D60200TP3

CURRENT PILING DATE: 2001-02-28

PRICR APPLICATION NUMBER: US 09/618,259

PRICR FILING DATE: 2000-07-18

NUMBER OF SEQ ID NOS: 72

LENGTH: 261
                                                                                        ; TYPE: PRT;
; CAGANISM: Homo sapiens (fig. 10, huMASP-1)
20.0AGANISM: 10.
                                                                                                                                                                          94.0%;
  NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin version 3.1
SEQ ID NO 21
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Best Local Similarity 80.0
Matches 8; Conservative
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Best Local Similarity 80.0
Matches 8; Conservative
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 8; Conserve
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US-09-822-827-946
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US-09-796-294-10
                                                                    LENGTH: 252
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TITLE OF INVENTION: A Protease and an Aminopeptidase Associated with Development of TITLE OF INVENTION: Prostatic Hyperplasia (BPH)
FILE REFERENCE: 2024-451
CURRENT APPLICATION NUMBER: US/09/860,739
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEC ID NOS: 5
SOFTWARE: Patentin version 3.0
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APPLICANT: Thiel, Steffen
TITLE OF INVENTION: MASP-3, A complement-fixing enzyme, and uses for it
FILE REFERENCE: 10/148,671
CURRENT APPLICATION NUMBER: US/10/148,671
CURRENT FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: PCT/DK00/00659
PRIOR PILING DATE: 2000-11.
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FILE REPERENCE: 675.001081

CURRENT APPLICATION NUMBER: US/10/128,966

CURRENT FILING DATE: 2002-04-22

PRIOR FILING DATE: 1997-04-11

PRIOR FILING DATE: 1997-04-11

PRIOR FILING DATE: 1996-11-14

NUMBER OF SEQ ID NOS: 49

SOFTWARE: FastSEQ for Windows Version 4.0

FEATURE OF SEQ ID NOS: 49
                                                                                                                                                                                                                                                                              Score 47; DB 10; Length 237; Pred. No. 4.6; 2; Indels 0; Mismatches 2; Indels
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Pred. No. 4.6;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 7, Application US/10128966
Publication No. US20030113743A1
GENERAL INFORMATION:
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80.0%;
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APPLICANT: Tindall, D.J.
APPLICANT: Young, C.Y.F.
APPLICANT: Saedi, M.S.
APPLICANT: Kumar, A.
APPLICANT: Rittenhouse, H.G.
APPLICANT: Rittenhouse, H.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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US-09-860-739-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Homo sapiens
US-10-128-966-7
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Best Local Similarity
'''ac 8; Conserve
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Best Local Similarity
Matches 8; Conserv
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                                                                                                                                                      SEQ ID NO 1
LENGTH: 237
                                                                                                                                                                                                   TYPE: PRT
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APPLICANT: FOY, Teresa APPLICANT: FOY THE GARDER. GANDOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER FILE REFRENCE: 210121.534C2
CURRENT PRILICATION NUMBER: US/09/995,793
CURRENT FILING DATE: 2001-06-29
NUMBER OF SEQ ID NOS: 982
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 946
LENGTH: 261
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Pred. No. 5.1;
0; Mismatches 2; Indels
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80.0%; Pred. No. 5.1;
tive 0; Mismatches
PRIOR APPLICATION NUMBER: US 60/086,586
PRIOR FILING DATE: 1999-05-21
PRIOR FILING DATE: 1999-05-21
PRIOR FILING DATE: 1999-05-21
PRIOR FILING DATE: 1999-06-21
PRIOR APPLICATION NUMBER: US 09/413,049
PRIOR FILING DATE: 1999-10-06
NUMBER OF SEQ ID NOS: 1
SOFTWARE: PATENTIN VETSION 3.1
LENGTH: 261
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Skeiky, Yasir A.W.
Hepler, William T.
Henderson, Robert A.
Hural, John
McWill, Patricia D.
Houghton, Raymond L.
Vinals de Bassols, Carlota
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Publication No. US20020192763A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Kalos, Michael D.
APPLICANT: Retter, Marc W.
APPLICANT: Scolk, John A.
APPLICANT: Scolk, John A.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Li, Samuel X.
                                                                                                                                                                                                                                                                                                                                                           94.0%;
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Best Local Similarity 80.0
Matches 8; Conservative
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Best Local Similarity 80.0
Matches 8; Conservative
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CRGANISM: Homo sapiens
US-09-895-793-946
                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
US-09-907-402-1
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Sequence 1. Application US/09907402

Patent No. US20020137668A1

Patent No. US20020137668A1

APPLICANT: Holaday, John W.

APPLICANT: Fortier. Anne H.

APPLICANT: Fortier. Anne H.

TITLE OF INVENTION: Compositions and Methods for Inhibiting Endothelial Cell Prolifer IITLE OF INVENTION: and Anglogenesis Using Cancer Markers

FILE REPERENCE: 05213-0343 43170-261379

CURRENT APPLICATION NUMBER: US/09/907,402
                                                                                                                                              Sequence 6, Application US/09963896

Patent No. US20020102585a1

GENERAL INFORMATION:
APPLICANT: Lal, Preeti
Guegler, Karl J.
Corley, Neil C.
TITLE OF INVENTION: PROSTATE GROWTH-ASSOCIATED MEMBRANE PROTEINS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
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MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IEM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/963,896

FLING DATE: 26-Sep-2001

CLASSIFICATION: <UNKNOWN:

APPLICATION NUMBER: 09/397,558

FLING DATE: APPLICATION DATA:

APPLICATION NUMBER: 09/397,558

FLING DATE: CONTROWN:

ATTORIEY/AGENT INPORMATION:

NAME: CERRONE, MICHAEL C.

REGISTRATION NUMBER: 99.132

REGISTRATION INFORMATION:

TELEPHORE: (650) 85-0555

TELEFAX: (650) 85-0555

TELEFAX: (650) 845-4166

INFORMATION FOR SEQ ID NO: 6:

LENGTH: 261 amino acids

TYPE: Amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     94.0%; Score 47; DB 9; Length 261;
80.0%; Pred. No. 5.1;
tive 0; Mismatches 2; Indels
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;
CLONE: 130989
;
SEQUENCE DESCRIPTION: SEQ ID NO: 6 :
US-09-963-896-6
                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: PALO ALTO STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
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Best Local Similarity 80.0
Matches 8; Conservative
  209 CSGDSGGPLV 218
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                                                                                                                                 9-968-896-60-SD
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US-09-907-402-1
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RESULT 10

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APPLICANT: SAVITZKY, Kinneret et al.

TILLE OF INVENTION: NOVEL NUCLEIC ACID AND AMINO ACID SEQUENCES
FILE REPERENCE: 2766-0231P
CURRENT APPLICATION NUMBER: US/10/298,965
CURRENT PILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: IL 128887
PRIOR FILING DATE: 1990-02-18
PRIOR FILING DATE: 1990-02-18
PRIOR FILING DATE: 1990-02-14
PRIOR FILING DATE: 1990-08-11
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PALCHIN VERSION 3.1
SEQ ID NO 18
LENGTH. 261
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APPLICANT: Leshkowitz, Dena
APPLICANT: Kita, David
APPLICANT: Garcia, Veronica
APPLICANT: Garcia, Veronica
APPLICANT: Jones, Lee William
APPLICANT: Stache-Crain, Birgit
TITLE OF INVENTION: HUMAN GENES AND GENE EXPRESSION PRODUCTS
TITLE OF INVENTION: ISOLATED FROM HUMAN PROSTATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 15; Length 261;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 15; Length 261;
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Pred. No. 5.1;
0; Mismatches
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CURRENT APPLICATION NUMBER: US/10/012,697
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: 60/254,648
PRIOR APPLICATION NUMBER: 60/254,648
PRIOR PILING DATE: 2000-12-07
PRIOR PILING DATE: 2000-13-13
NUMBER OF SEQ ID NOS: 1568
SOFTWARE: FESTERE for windows Version 4.0
SEQ ID NO 1558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
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80.0%; Pred. No. E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1558, Application US/10012697 Publication No. US20030215803A1 GENERAL INFORMATION: APPLICANT: Escobedo, Jaime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Garcia, Pablo Dominguez
Kassam, Altaf
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Crkvenjakov, Radomir
Dickson, Mark
Drmanac, Snezana
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80.0%;
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Best Local Similarity 80.0
Matches 8; Conservative
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CRGANISM: Homo sapiens
US-10-298-965-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
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Matches 8; Conserv
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                                                                                              APPLICANT: Holaday, John W.
APPLICANT: Fortier, Anne H.
APPLICANT: Fortier, Anne H.
APPLICANT: Fortier, Anne H.
TITLE OF INVENTION: and Regulating Angiogenesis Using Cancer Markers
TITLE OF INVENTION: and Regulating Angiogenesis Using Cancer Markers
FILE REFERENCE: 05213-0344 43170-271565
CURRENT APPLICATION NUMBER: 108/413,049
PRIOR APPLICATION NUMBER: US 09/413,049
PRIOR PILING DATE: 1999-10-6
PRIOR PILING DATE: 1999-10-6
PRIOR PILING DATE: 1999-10-6
PRIOR PILING DATE: 1999-06-21
PRIOR PILING DATE: 1998-06-22
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Version 3.1
SEQ ID NO 62
LENGTH: 261
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US-10-461-787-10
is Sequence 10, Application US/10461787
is Publication No. US20030199010A1
is GENERAL INFORMATION:
is APPLICANT: O'Brien, Timothy J.
is APPLICANT: Underwood, Lowell J.
is TITLE OF INVENTION: No. US20030199010A1e1 Extracellular Serine Protease
is FILE REFERENCE: D60200TP2
is CURRENT APPLICATION NUMBER: US/10/461,787
is CURRENT FILING DATE: 2003-06-13
is PRIOR APPLICATION NUMBER: US/09/618,259
is PRIOR APPLICATION NUMBER: US/09/618,259
is PRIOR FILING DATE: 1998-06-21
is NUMBER OF SEQ ID NOS: 72
is SEQ ID NO 10
is LENGTH: 261
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US-10-461-787-10
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Pred. No. 5.1;
0; Mismatches
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; Publication No. US20030207808A1
; GENERAL INFORMATION:
         US-10-131-241-62
Sequence 62, Application US/10131241
Publication No. US20030012792A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    94.0%;
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Best Local Similarity 80.0
Matches 8; Conservative
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US-10-131-241-62
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ORGANISM: Homo sapiens
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US-10-298-965-18
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Publication No US20030215835A1
| Publication No US20030215835A1
| GENERAL INPORMATION:
| APPLICANT: OriGene Technologies
| TITLE OF INVENTION: Differentially Regulated Prostate Cancer Genes
| TITLE OF INVENTION: Differentially Regulated Prostate Cancer Genes
| TITLE OF INVENTION: Differentially Regulated Prostate Cancer Genes
| CURRENT APPLICATION NUMBER: US/10/341,434
| CURRENT FILING DATE: 2002-01-15
| PRIOR FILING DATE: 2002-01-15
| P
US-10-341-434-34

| Sequence 34, Application US/10341434
| Sequence 34, Application US/10341434
| Sequence 34, Application No. 103030215835A1
| Sequence 34, Application No. 103030215835A1
| Fubication No. 10303015835A1
| APPLICANT: OriGene Technologies
| TITLE OF INVENTION: Differentially Regulated Prostate Cancer Genes
| FILE REPERENCE: 90 204 205 R1
| CURRENT APPLICATION NUMBER: US/10/341,434
| PRIOR APPLICATION NUMBER: US/00/348,119
| PRIOR APPLICATION NUMBER: US/00/348,119
| PRIOR APPLICATION NUMBER: US/00/348,119
| PRIOR PILING DATE: 2002-01-15
| NUMBER OF SEQ ID NOS: 238
| SOFTWARE: PatentIn version 3.1
| SEQ ID NO 34
| LENGTH: 264
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Pred. No. 5.1;
0; Mismatches 2; Indels
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Pred. No. 5.1;
0; Mismatches 2; Indels
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Best Local Similarity 80.0
Matches 8; Conservative
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Best Local Similarity 80.0
Matches 8; Conservative
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CRGANISM: Homo sapiens
US-10-341-434-34
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US-10-341-434-41
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Search completed: March 18, 2004, 07:24:51 Job time : 26.1905 secs

209 CSGDSGGPLV 218

1 CXGDSGGPXV 10

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March 18, 2004, 07:16:14 ; Search time 10.4762 Seconds (without alignments) 98.874 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
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14: /cgn2_6/ptodata/1/pubpaa/USOB_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/USOB_PUBCOMB.pep:*
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17: /cgn2_6/ptodata/1/pubpaa/USOB_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/USOB_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1049977 seqs, 258955339 residues
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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21
1 RGDA 4
                                                                                                                                                                                                                                                                                                              Title:
Perfect score:
Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                            Scoring table:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

		Description		8-3 Sequence 3, Appli	1 Sequence 1,	3 Sequence 3,	-23 Seguence 23		1 Seguence 1,	Sequence 3.	Seguence 23.	Sequence 289, P	_	9-671 Sequence 671, App	Sequence 672,	Sequence 673.	Sequence 674.	Seguence
SUMMERTES		· QI		US-09-909-348-3	US-09-904-090-	US-09-909-122-	US-09-911-569-	US-10-050-692-3	US-10-050-611-	US-10-050-688-3	US-10-200-879-	US-09-989-789-289	02-09-989-789-67	US-09-989-789-671	US-09-989-789-672	US-09-989-789-673	US-09-989-789-674	US-09-989-789-675
		DB	;	σ	σ	σ	10	13	13	13	14	σ	თ	σ	σı	σ	σı	σv
		Query Match Length DB		4	4	4	4	4	4	4	4	7	7	7	7	7	7	7
	dio	Query Match	1 1 1 1 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		Score	1 1 1 1 1	21	21	21	21	21	21	21	21	21	21	21	21	. 21	21	21
		Result No.	1	н	7	m	4	5	9	7	89	σ	10	11	12	13	14	15

equence 696, equence 966, equence 971, equence 1047,	equence 1915, equence 1925, equence 1927, equence 1928, equence 1928, equence 1989, equence 1989, equence 1989,	Sequence 1996, Ap Sequence 1997, Ap Sequence 2007, Ap Sequence 2007, Ap Sequence 2934, Ap Sequence 3169, Ap Sequence 3169, Ap Sequence 3169, Ap	equence 3/02, equence 3717, sequence 289, sequence 670, sequence 671, sequence 671,
US-09-989-789-69 US-09-989-789-96 US-09-989-789-97 US-09-989-789-10	US-09-989-789-1991 US-09-989-789-192 US-09-989-789-192 US-09-989-789-192 US-09-989-789-196 US-09-989-789-196 US-09-989-789-196 US-09-989-789-199	7 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	US-09-989-789-371 US-09-989-789-374 US-09-990-186-28 US-09-990-186-67 US-09-990-186-67 US-09-990-186-67
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ALIGNMENTS

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Sequence 3, Application US/09909348

Sequence 3, Application US/09909348

Patent No. US20020042373A1

GENERAL INFORMATION:

APPLICANT: Carney, Darrell H.

APPLICANT: Crowther, Roger S.

APPLICANT: Stiernberg, Janet

CURRENT APPLICATION NUMBER: US 60/219,800

MUMBER OF SEQ ID NOS: 5

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3

SEQ ID NO 3

SEQ ID NO 3

SEQ ID NO 3
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100.0%; Score 21; DB 9; L
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 4; Conservative 0; Mismatches 0;
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US-09-904-090-1
; Sequence 1, Application US/09904090
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ORGANISM: Artificial Sequence
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RESULT 5
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| Sequence 3, Application US/09909122
| Patent No. US20020128202A1
| GENERAL INFORMATION:
| APPLICANT: Crowther, Roger S. APPLICANT: Crowther, Roger S. APPLICANT: Simmons, David J. APPLICANT: Simmons, David J. APPLICANT: Fedin, William R. TITLE OF INVENTION: Spimmiation of Bone Growth With Thrombin TITLE OF INVENTION: Spimmiation of Bone Growth With Thrombin TITLE OF INVENTION: Spimmiation of Bone Growth With Thrombin TITLE OF INVENTION: Peppide Derivatives
| FILE REFERENCE: 3033.1002-001
| CURRENT FALING DATE: 2001-07-19
| PRIOR FLING DATE: 2001-07-19
| PRIOR FLING DATE: 2000-07-19
| NUMBER OF SEQ ID NOS: 5
| SOFTWARE: PastSEQ for Windows Version 4.0
| LEMACH: 4
              APPLICANT: Carney, Darrell
TITLE OF INVENTION: METHODS OF THERAPY WITH THROMEIN DERIVED
TITLE OF INVENTION: METHODS OF THERAPY WITH THROMEIN DERIVED
TITLE OF INVENTION: METHODS OF THERAPY WITH THROMEIN DERIVED
TITLE OF INVENTION: METHODS OF US
FILE REFRENCE: 3033.1000-001
CURRENT PRILIGATION NUMBER: US (09)904,090
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: US (0/217,583
PRIOR PELING DATE: 2000-07-12
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FRSENCE FOR WINDOWS VERSION 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 21; DB 9; Length 4; 100.0%; Pred. No. 9.5e+05; rive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 21; DB 9; Length 4; Best Local Similarity 100.0%; Pred. No. 9.5e+05; Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                              ; FEATURE:
TOTAL THORMATION: Polypeptide, fragment of thrombin US-09-904-090-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Peptide fragment of Thrombin
                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 4; Conservative
Patent No. US20020061852A1
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RGDA 4
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US-09-909-122-3
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LENGTH: 4
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HAWLEY-NELSON, PAMELA LAN, JIANQING SHIH, POJEN

, Sequence 23, Application US/09911569; Publication No. US20030069173A1

RESULT 4 US-09-911-569-23 GENERAL INFORMATION: APPLICANT: HAWL

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Gaps
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APPLICANT: Crowther, Roger S.
APPLICANT: Crowther, Roger S.
APPLICANT: Simons, David J.
APPLICANT: Simons, David J.
APPLICANT: Redin, William R.
TITLE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROWBIN TITLE OF INVENTION: PEPTIDE DERIVATIVES
FILE REFERENCE: 3033.1002-004
CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 09/909,122
PRIOR APPLICATION NUMBER: 09/909,122
PRIOR APPLICATION NUMBER: 60/219,300
PRIOR PELLING DATE: 2000-07-19
PRIOR PELLING DATE: 2000-07-19
                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
PRIOR APPLICATION: <Unknown>
PRIOR APPLICATION: <Unknown>
PRIOR APPLICATION: <Unknown>
PRIOR APPLICATION: <Unknown>
PRIOR APPLICATION NUMBER: US 09/039,780
FILING DATE: 16-MAR-1998
JESSE, JOEL A.
SCHIFFELLI, KEVIN P.
SCHIFFELLI, KEVIN P.
TITLE OF INVENTION: PEPTIDE-ENHANCED TRANSFECTIONS
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSER: GREENLEE, WINNER & SULLIVAN
STREET: 5370 MANHATTAN CIRCLE, SUITE 201
CITY: BOULDER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 4;
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100.0%; Pred. No. 9.5e+05;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 32-95D TELECOMMUNICATION INFORMATION: TELEPHONE: (303)499-8080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-09-911-569-23
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NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: SULLIVAN, SALLY A.
REGISTRATION NUMBER: 32,064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
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Publication No. US20020182205A1
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SEQUENCE CHARACTERISTICS
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Best Local Similarity 100.
Matches 4; Conservative
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Gaps

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Indels
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/200, 879
FILING DATE: 23-Jul-2002
CLASSIFICATION: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: HAWLEY-NELSON, PAMELA
LAN, JANOING
SHIN, POJEN
JESSE, JOEL A.
SCHIFFESEERL, KEVIN P.
GEBESFERL, KEVIN P.
GEBESFERL, GULLLAT
TITLE OF INVENTION: PEPTIDE-ENHANCED TRANSFECTIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: GREENLEE, WINNER & SULLIVAN
STREET: 5370 MANHATTAN CIRCLE, SUITE 201
CITY: BOULDER
                                                                                                                                                                                    100.0%; Score 21; DB 13;
100.0%; Pred. No. 9.5e+05;
tive 0; Mismatches 0;
                                     TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: peptide fragment of thrombin US-10-050-688-3
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APPLICATION NUMBER: US 09/911,569
FILING DATE: 23-UUL-2001
APPLICATION NUMBER: US 09/039,780
FILING DATE: 16-MAR-1998
APPLICATION NUMBER: US 08/818,200
FILING DATE: 14-MAR-1997
APPLICATION NUMBER: US 08/658,130
FILING DATE: 04-UUN-1996
APPLICATION NUMBER: US 08/77,354
FILING DATE: 01-UUN-1995
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SEQUENCE DESCRIPTION: SEQ ID NO:
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NAME: SULLIVAN, SALLY A.
REGISTRATION NUMBER: 32,064
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 23, Application US/10200879
Publication No. US20030144230A1
GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 80303
COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS
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Best Local Similarity 100.
Matches 4; Conservative
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APPLICANT: Crowther, Roger S.
APPLICANT: Crowther, Roger S.
APPLICANT: Stienaberg, Janet
APPLICANT: Stienaberg, Janet
APPLICANT: Stienaberg, Janet
APPLICANT: Bergmann, John
TITLE OF INVENTION: AGONISTS OF THE NON-PROTEOLYTICALLY ACTIVATED THROMBIN
TITLE OF INVENTION: RECEPTOR
TITLE OF INVENTION: RECEPTOR
TITLE OF INVENTION: RECEPTOR
TITLE OF INVENTION RECEPTOR
TITLE OF INVENTION NUMBER: 093-004
CURRENT APPLICATION NUMBER: 099-99, 348
FRICR PELICATION NUMBER: 099-99, 348
FRICR PELICATION NUMBER: 06/19, 800
FRICR PRING DATE: 2001-07-19
FRICR APPLICATION NUMBER: 60/219, 800
FRICR PRING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
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; Publication No. US20020187933A1
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED
; TITLE OF INVENTION: PREPRIDES
; FILE REPERENCE: 30331000-008
; CURRENT APPLICATION NUMBER: US/10/050,611
; GURRENT APPLICATION NUMBER: 05/904,090
; PRIOR FILING DATE: 2001-07-12
; PRIOR FILING DATE: 2000-07-12
; PRIOR FILING DATE: 2000-07-12
; NUMBER OF SEQ ID NOS: 4
; OSCTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                 Query Match 100.0%; Score 21; DB 13; Length 4; Best Local Similarity 100.0%; Pred. No. 9.5e+05; Matches 4; Conservative 0; Mismatches 0; Indels
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                                                                                                                         ; OTHER INFORMATION: fragment of human prothrombin US-10-050-692-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: human fragment of thrombin
US-10-050-611-1
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Publication No. US20020198154A1
GENERAL INFORMATION:
SEQ ID NO 3
LENGTH: 4
TYPE: PRT
ORCANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 100.
Matches 4; Conservative
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LENGTH: 4
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US-09-989-789-672
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                                                                        Gaps
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Patent No. US20020063379A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: PREPARE SY ZINC FINGERS
TITLE OF INVENTION: TREPLETS BY ZINC FINGERS
FILE REFERENCE: 8325-0011.20 / 311-US2
CURRENT FILING DATE: 2002-03-25
VUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                      Sequence 289, Application US/09989789
Patent No. US20020063379A1
GENERAL INFORMATION:
APPLICANT: LIU, Qiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REFERENCE: 8225-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/09/989, 789
CURRENT FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 4085
SOCTHWARE: PATENTIN Ver. 2.0
SEQ ID NO 289
LENGTH: 7
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                                                                        0; Indels
                                100.0%; Score 21; DB 14;
100.0%; Pred. No. 9.5e+05;
iive 0; Mismatches 0;
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.
Matches 4; Conservative
                                                                          Conservative
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Best Local Similarity
Matches 4; Conserv
                                    Query Match
Best Local Similarity
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US-09-989-789-289
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US-10-200-879-23
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LENGTH: 7
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                                                                          Matches
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Sequence 673, Application US/09989789
; Sequence 673, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
    APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECCGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; CURRENT PALLIAND NUMBER: US/09/989,789
; CURRENT PILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 673
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GENERAL INFORMATION:
APPLICATION:
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
TITLE REPERBENCE: 325-0011.20 / S11-US2
CURRENT FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 672
LENGTH: 7
Sequence 671, Application US/09989789
Patent No. US20020063379A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
TILLS REPERENCE: 8325-0011.20 / $11-US2
CURRENT APPLICATION NUMBER: US/09/989,789
CURRENT FILING DATE: 2002-03-25
NUMBER: OF SEQ ID NOS: 4085
SOFTWARE: PATENTIN Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                             , OTHER INFORMATION: Description of Artificial Sequence: example ZFP
US-09-989-789-671
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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Best Local Similarity
Matches 4; Conserv
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RESULT 11 US-09-989-789-671

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                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 674, Application US/09989789
Patent No. US2002006337341
GENERAL INFORMATION:
APPLICANT: LIU, OANG
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REPERENCE: 8225-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/09/989,789
CURRENT FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: PATENTIN VET. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 675, Application US/09989789
Patent No. US2002063379A1
Patent No. US2002063379A1
APPLICANT: LIU, Qiang
TITLE OF INVENTION: PREFIXE BY ZINC FINGERS
TITLE OF INVENTION: PREFIXE BY ZINC FINGERS
FILE REPERENCE: 8325-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/09/989,789
NUMBER OF SEQ ID NOS: 4085
SOCTHWARE: Patentin Ver. 2.0
SEQ ID NO 675
LENGTH: 7
                                                                       ; OTHER INFORMATION: Description of Artificial Sequence: example ZFP US-09-989-789-673
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example ZFP
US-09-989-789-674
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Double Similarity 100.0%; Pred. No. 9.5e+05;

Matches 4; Conservative 0; Mismatches 0; Indels
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Search completed: March 18, 2004, 07:24:52 Job time : 11.4762 secs

Sequence 2, Appli Sequence 3, Appli Sequence 3, Appli Sequence 2, Appli Sequence 111, App Sequence 111, App Sequence 111, App Sequence 111, App Sequence 17, Appli Sequence 9, Appli Sequence 9, Appli Sequence 17, Appli Sequence 29, Appli Sequence 72, Appli Sequence 72, Appli Sequence 72, Appli Sequence 72, Appli Sequence 110, Appli Sequence 108, Appli

Scoring table:

Searched:

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Database

Title: Perfect score:

Sequence:

OM protein

Run on:

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; LOCATION: (1)...(14)
; CTHER INFORMATION: Xaa at position six is Glu or Gln
; CTHER INFORMATION: Xaa at position thirteen is Phe, Met, Leu, His or US-09-909-122-4

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Batent No. US20020128202A1

Batent No. US20020128202A1

BAPLICANT: Crowther, Darrell H.

APPLICANT: Simmons, David J.

APPLICANT: Redin, William R.

ITLE OF INVENTION: Epptide Derivatives

FILE OF INVENTION: Peptide Derivatives

FILE OF INVENTION: Poptide Derivatives

FILE OF INVENTION NUMBER: US/09/909,122

CURRENT APPLICATION NUMBER: US/09/909,122

CURRENT FILING DATE: 2000-07-19

NUMBER OF SEQ ID NOS: S

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 4

LENGTH. 14
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Pred. No. 0.00088;
0; Mismatches 0; Indels
5 US-10-165-442-2

5 US-10-165-442-4

5 US-10-165-442-3

4 US-10-165-442-3

4 US-10-017-611-8

4 US-10-017-611-8

4 US-10-017-611-2

4 US-10-214-93-116

4 US-10-214-93-111-2

US-09-804-156-17

US-09-804-156-17

US-09-804-156-17

US-09-801-151A-75

US-09-801-151A-75

US-09-801-151A-75

US-09-801-151A-75

US-09-801-151A-73

US-09-801-151A-74

US-09-801-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.0%; Partches 14; Conservative 0;
                                                 TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  111
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                                                                                                                                           March 18, 2004, 07:16:14; Search time 36.6667 Seconds (without alignments) 98.874 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_MBW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NBW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_NBW_PUB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NBW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US07_NBW_PUB.pep:*
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                     GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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3 US-11-050-692-4
3 US-11-050-698-4
3 US-09-77-328-8
4 US-09-904-090-3
4 US-10-050-611-3
5 US-110-050-611-3
5 US-110-050-611-3
5 US-110-050-611-3
5 US-10-050-611-3
5 US-10-050-618-5
5 US-10-050-618-5
5 US-10-050-688-5
5 US-10-050-688-5
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5 US-09-909-122-5
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                                                                                                                                                                                                                                                                                                                                                                                               1049977 seqs, 258955339 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                        protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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1 RGDACXGDSGGPXV 14
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Result No.

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GENERAL INFORMATION:

APPLICANT: Carney, Darrell H.

APPLICANT: Stiernberg, Janet
APPLICANT: Bergmann, John
TITLE OF INVENTION: STIMILATION OF CARTILAGE GROWTH WITH
TITLE OF INVENTION: ARGONISTS OF THE NON-PROTECLYTICALLY ACTIVATED THROMBIN
TITLE OF INVENTION: RECEPTOR
FILE REPERBENCE: 3003-1003-004
CURRENT APPLICATION NUMBER: 09/909,348
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PastSEQ for Windows Version 4.0
SSOFTWARE: PastSEQ for Windows Version 4.0
SSOFTWARE: PRICE PRICE TO THE PRICE THROMBER THROMBER TO THROM
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Sequence 4, Application US/10050692
| Sequence 4, Application US/10050692
| Publication No. US20020182205A1
| GENERAL INPORMATION:
| APPLICANT: Carney, Darrell H. APPLICANT: Crewther, Roger S. APPLICANT: Simmons, David J. APPLICANT: Simmons, David J. APPLICANT: Simmons, David J. APPLICANT: Redin, William R. TITLE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROMBIN TITLE OF INVENTION: SPETIDE DERIVATIVES
| FILE REFERENCE: 3033:1002-004 |
| FILE REFERENCE: 3033:1002-004 |
| FILE REFERENCE: 3033:1002-004 |
| FILE REFERENCE: 3003:1002-004 |
| FRIOR APPLICATION NUMBER: 09/909,122 |
| PRIOR FILING DATE: 2001-07-19 |
| PRIOR FILING DATE: 2000-07-19 |
| PRIOR FILING DATE: 2000-07-19 |
| SOFTWARE: FASTSEQ for Windows Version 4.0 |
| LENGTH: 14
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94.4%; Score 67; DB 13; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.00088;
Matches 14; Conservative 0; Mismatches 0; Indels
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CACATION: (13)...(13)
COTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val
US-10-050-692-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
NAME/KEY: VARIANT
LOCATION: (6)
OTHER INFORMATION: Xaa = Glu or Gln
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 RGDACKGDSGGPKV 14
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Sequence 8, Application US/09777328;
Patent No. US20020032314A1
GENERAL INFORMATION:
APPLICANT: CAREY, DARRELL H.
APPLICANT: CAREY, DARRELL H.
TITLE OF INVENTION: SYNTHETIC PEPTIDE NEUTROPHIL CELL CHEMOTACTIC AGENTS;
FILE REPERENCE: CHEP: 002 - 05
CURRENT FILING DATE: 2001-02-05
PRIOR FILING DATE: 1994-10-28
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 8
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| Sequence 3, Application US/09904090
| Patent No. US20020061852A1
| GENERAL INPORMATION:
| APPLICANT: Carney, Darrell
| TITLE OF INVENTION: METHODS OF THERAPY WITH THROWBIN DERIVED
| TITLE OF INVENTION: PEPTIDES
| FILE REFERENCE: 3033, 1000-001
| CURRENT APPLICATION NUMBER: US/09/904,090
| CURRENT PILING DATE: 2001-07-12
| PRIOR FILING DATE: 2000-07-12
| NUMBER OF SEQ ID NOS: 4
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 3
                                                                                                                                                                                                                                                    Query Match

94.4%; Score 67; DB 13; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.00088;
Matches 14; Conservative 0; Mismatches 0; Indels
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                                                                                                                         FEATURE:
NAME/KEY: VARIANT
COCATION: (13)
COTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val
US-10-050-688-4
FEATURE:
OTHER INFORMATION: peptide fragment of thrombin
                                                                                 LOCATION: (6)...(6)
OTHER INFORMATION: Xaa = Glu or Gln
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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Best Local Similarity 85.77
Matches 12; Conservative
                                                          NAME/KEY: VARIANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-777-328-8
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US-09-904-090-3
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Gaps

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Sequence 5, Application US/10050688
Publication No. US2020198154A1
Publication No. US202020198154A1
APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Stiernberg, Janet
APPLICANT: STIMULATION OF CARTILAGE GROWTH WITH
TITLE OF INVENTION: ACCURSTS OF THE NON-PROTEOLYTICALLY ACTIVATED THROMBIN
TITLE OF INVENTION: RECEPTOR
TITLE OF INVENTION: RECEPTOR
TITLE OF INVENTION: ACCURSTS 1004
CURRENT APPLICATION NUMBER: US/10/050,688
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
OTHER INFORMATION: c-terminal amidated fragment of human thrombin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WS-10-050-611-4

Sequence 4, Application US/10050611

Publication No. US2020187933A1

GENERAL INFORMATION:

APPLICANT: Carney, Darrell H.

TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED

TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED

TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED

CURRENT APPLICATION NUMBER: US/10/050,611

CURRENT FILING DATE: 2000-01-16

PRIOR APPLICATION NUMBER: 09/904,090

PRIOR APPLICATION NUMBER: 60/217,583

PRIOR APPLICATION NUMBER: 60/217,583

PRIOR FILING DATE: 2000-07-12

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 23
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                                                                                                                                                                                                                                           Length 23;
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                                                                                                                                                                                                                                       DB 13;
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LOCATION: 23
OTHER INFORMATION: valine is amidated as CONH2
US-10-050-0611-4
                                                                                               FEATURE:
; OTHER INFORMATION: human fragment of thrombin
US-10-050-611-3
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                                                                                                                                                                                                                                           Score 67;
Pred. No.
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PRIOR FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/219,800
PRIOR FILING DATE: 2000-07-20
                         TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                       Query Match
Best Local Similarity 85.7%;
Matches 12; Conservative
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Best Local Similarity 85.7.
---- 12; Conservative
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OTHER INFORMATION: c-terminal amidated fragment of human thrombin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6, Application US/10050692
| Sequence 6, Application US/10050692
| Publication No. US20020182205A1
| GENERAL INFORMATION:
| APPLICANT: Carney, Darrell H.
| APPLICANT: Crowther, Roger S.
| APPLICANT: Simmons, David J.
| APPLICANT: Stam, Stam, Juliam R.
| APPLICANT: Stam, Stam, Juliam R.
| APPLICANT: Redin, William R.
| APPLICANT: Stam, Juliam R.
| APPLICANT: Paring Juliam R.
| APPLICANT: Predin, William R.
| TITLE OF INVENTION: STRULATION OF BONE GROWTH WITH THROWBIN TILE OF INVENTION: PEPTIOE DERIVATIVES
| FILE REFERENCE: 3031.002-004
| CURRENT APPLICATION NUMBER: 09/909,122 |
| PRIOR FILING DATE: 2001-07-19
| PRIOR FILING DATE: 2000-07-19
| WUMBER OF SEQ ID NOS: 6
| SEPTION OF SEQ ID NOS: 6
| SEPTION OF SECTION NUMBER: SECTION AND SECTION 
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APPLICANT: Carney, Darrell H.
TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED TITLE OF INVENTION: PEPTIDES; FILE REPREBRICE: 3033.1000.008; CURRENT APPLICATION NUMBER: US/10/050,611
CURRENT FILING DATE: 2002-01-16; PRIOR APPLICATION NUMBER: 09/904,090; PRIOR FILING DATE: 2001-07-12; PRIOR APPLICATION NUMBER: 60/217,583; PRIOR FILING DATE: 2000-07-12; PRIOR PELING DATE: 2000-07-12; PRIOR PELING DATE: 2000-07-12; NUMBER OF SEQ ID NOS: 4; SOOTWARE: PASSEE FEASTEREQ for Windows Version 4.0
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94.4%; Score 67; DB 13; Length 23;
Best Local Similarity 85.7%; Pred. No. 0.0014;
Matches 12; Conservative 0; Mismatches 2; Indels
                                                                                                                                Score 67; DB 9; Length 23;
Pred. No. 0.0014;
0; Mismatches 2; Indels
; FEATURE:
; OTHER INFORMATION: Polypeptide, fragment of thrombin
US-09-904-090-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PEATURE:
NAME/KEY: AMIDATION
LOCATION: (23)...(23)
OTHER INFORMATION: valine is amidated as CONH2
US-10-050-692-6
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LENGTH: 23
TYBE: PT
ORGANISM: Artificial Sequence
                                                                                                                            Query Match
Best Local Similarity 85.7%;
Matches 12; Conservative
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APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Simons, David J.
APPLICANT: Simons, David J.
APPLICANT: Simons, David J.
APPLICANT: Saimons, David J.
APPLICANT: Redin, William R.
APPLICANT: Redin, William R.
TITLE OF INVENTION: Stimulation Of Bone Growth With Thrombin
TITLE OF INVENTION: Poptide Derivatives
FILE REPERENCE: 3031.1002-001
CURRENT APPLICATION NUMBER: US/09/909,122
CURRENT FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 25
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APPLICANT: Carney, David J.
APPLICANT: Simmons, David J.
APPLICANT: Simmons, David J.
APPLICANT: Yang, Jinping
APPLICANT: Redin, William R.
TITLE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROMBIN
TITLE OF INVENTION: DEPTIDE DERIVATIVES
FILE REPERENCE: 3033.1002-004
CURRENT APPLICATION NUMBER: US/10/050,692
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 67; DB 9; Length 25, Pred. No. 0.0015;
                                                                                                                                                                                                                                                                                                                                                                                                                       Score 67; DB 9; Length 25;
Pred. No. 0.0015;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                        , OTHER INFORMATION: Peptide fragment of Thrombin US-09-909-348-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Peptide fragment of Thrombin
US-09-909-122-5
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CURRENT APPLICATION NUMBER: US/09/909,348
CURRENT FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: US 60/219,800
PRIOR FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 25
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; GENERAL INFORMATION:
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                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 85.7%;
Matches 12; Conservative
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Best Local Similarity 85.77
Marches 12, Conservative
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US-10-050-692-5
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Parent No. US20020042373A1

GREEL INFORMATION:
APPLICANT: Carney, Darrell H.
APPLICANT: Crowcher, Roger S.
APPLICANT: Stiernberg, Janet
APPLICANT: Stiern
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                                                                                                                                                                                                                                                                                                  Score 67, DB 13; Length 23;
Pred. No. 0.0014;
0; Mismatches 2; Indels
                                                                                                                                                                                                                ; OTHER INFORMATION: peptide fragment of thrombin US-10-050-688-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: peptide fragment of thrombin
      NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                        94.4%;
85.7%;
                                                                                                                           TYPE: PRT ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 85.73
Matches 12; Conservative
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LOCATION: (23) ... (23)
OTHER INFORMATION: CONH2
US-10-050-688-6
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US-10-050-688-6
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LENGIH: 23
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APPLICANT: CUTSANT CUTSANT CATACANT CATACAANT CATACANT CATACANT CATACANT CATACANT CATACANT CATACANT CATACAANT CATACANT C
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Pred. No. 0.014;
                                                            Indels
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                  85.7%; Pred. No. 0.014;
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                            Sequence 41, Application US/09898837A Publication No. US20030077697A1 GENERAL INFORMATION:
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Taupier Jr., Raymond
Rastelli, Luca
CuraGen Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Quinn, Kerry E.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Majumder, Kimud
APPLICANT: Vernet, Corine
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Burgess, Catherine
                                                                                                                                                                                             197 RGDACEGDSGGPFV 210
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Best Local Similarity 85.7
                                                            Conservative
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                  Best Local Similarity
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; ORGANISM: Bos taurus
US-09-898-837A-41
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APPLICANT: Gerlach, Valerie L
APPLICANT: Gerlach, Valerie L
APPLICANT: MacDougall, John R
TITLE OF INVENTION: NOVEL SERINE/THREONINE PROTEIN-KINASE LIKE PROTEINS AND
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
CURRENT APPLICATION NUMBER: U.S.N. 60/194,839
PRIOR FILING DATE: 2000-04-05
PRIOR FILING DATE: 2000-04-05
PRIOR FILING DATE: 2000-04-05
PRIOR FILING DATE: 2000-04-03
PRIOR FILING DATE: 2000-04-03
PRIOR FILING DATE: 2000-04-13
PRIOR FILING DATE: 2000-04-03
PRIOR FILING DATE: 2000-01-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: fragment of human prothrombin
US-10-050-692-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 09/909,122
PRIOR FILING DATE: 2001-07-19
PRIOR PILING DATE: 2001-07-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 45, Application US/0989837A Publication No. US20030077697A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Herrmann, John L.
Burgess, Catherine
Fernandes, Blma
Taupier Jr., Raymond
Rastelli, Luca
                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 RGDACXGDSGGPXV 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    12 RGDACEGDSGGPFV 25
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; ORGANISM: Bos taurus
US-09-898-837A-45
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Best Local Similarity
Matches 12; Conserv
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RESULT 2
US-09-909-122-5
; Sequence 5, Application US/09909122
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Sequence 5, Appli
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Sequence 6, Appli
Sequence 7, Appli
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                                                                                                                                                                                                                                                                                           March 18, 2004, 07:16:14; Search time 65.4762 Seconds (without alignments) 98.874 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Description
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1: /cgn2_6/ptodata/1/pubpaa/PcT_PBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/PcT_PBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/PcT_PBCOMB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*

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13: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*

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18: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-909-122-5
US-09-777-328-8
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US-09-777-328-8
US-09-777-328-8
US-09-904-090-3
US-10-050-688-5
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US-10-165-442-3
US-10-165-432-3
US-10-165-432-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        hits satisfying chosen parameters:
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141
1 AGTRYKPDEGKRGDACEGDSGGPFV 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                              protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Perfect score:
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Maximum DB
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ALIGNMENTS

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US-009-308-348-5

US-009-308-348-5

Sequence 5, Application US/09909348

Patent No. US20020042373A1

APPLICANT: Carney, Darrell H.

APPLICANT: Stiernberg, Janet

CURRENT: Stiernberg, Janet

CURRENT: Stiernberg, Janet

CURRENT: Stiernberg, Janet

NUMBER: OF SEQ ID NOS: 5

LENGTH: 25

COHER INPORMATION: Peptide fragment of Thrombin

US-09-909-348-5

Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DD 1 AGTRXXPDEGREGDACEGDSGGPFV 25

DD 1 AGTRXXPDEGREGDACEGDSGGPFV 25
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us-09-909-348-5.open.rapb

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Sequence 8, Application US/09777328
Patent No. US20020032314A1
SERVERAL INFORMATION:
APPLICANT: CAREY, DARRELL H.
APPLICANT: CAREY, DARRELL H.
TITLE OF INVENTION: SYNTHETIC PEPTIDE NEUTROPHIL CELL CHEMOTACTIC AGENTS
FILE REFERENCE: CH8P:0.02
CURRENT APPLICATION NUMBER: US/09/77,328
CURRENT FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: 08/330,594
PRIOR FILING DATE: 1994-10-28
NUMBER OF SEQ ID NOS: 9
SEQ ID NO 8
SEQ ID NO 8
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
JOTHER INFORMATION: Peptide
US-09-777-328-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/09904090; Patent No. US20020061852A1; GENERAL INFORMATION:
| GENERAL INFORMATION:
| APPLICANT: CATHEY, DATTEL]
| TITLE OF INVENTION: PEPPIDES
| TITLE OF INVENTION: PEPPIDES
| FILE REFERENCE: 3033.1000-001; CURRENT APPLICATION NUMBER: US/09/904,090
| CURRENT APPLICATION NUMBER: US/09/904,090
| CURRENT PILING DATE: 2001-07-12
| PRIOR FILING DATE: 2000-07-12
| NUMBER OF SEQ ID NOS: 4
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 3
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ORGANISM: Artificial Sequence
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Sequence 5, Application US/10050692
Sequence 5, Application No. US20020182205A1
GENERAL INFORMATION:
APPLICANT: Crowther, Roger S.
APPLICANT: Simmons, David J.
APPLICANT: Simmons, David J.
TITLE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROMBIN TITLE OF INVENTION: STIMULATION OF SORTION: STIMULATION OF BONE GROWTH WITH THROMBIN TITLE OF INVENTION: PRINTED BERIVATIVES
FILE REFERENCE: 3033.1002-004
CURRENT APPLICATION NUMBER: US/10/050,692
CURRENT APPLICATION NUMBER: 09/909,122
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE FASTESE for Windows Version 4.0
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                                                             APPLICANT: Carney, Darrell H.
APPLICANT: Carney, Darrell H.
APPLICANT: Carney, David J.
APPLICANT: Simmons, David J.
APPLICANT: Wang, Jinping
APPLICANT: Wang, Jinping
TITLE OF INVENTION: Stimulation Of Bone Growth With Thrombin
TITLE OF INVENTION: Peptide Derivatives
TITLE OF INVENTION: Peptide Derivatives
TITLE OF INVENTION: Value Derivatives
FILE REPRENCE: 303.1002.001
CURRENT FILING DATE: 2001-07-19
CURRENT FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PastSEQ for Windows Version 4.0.
SEQ ID NO 5
LENGTH: 25
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100.0%; Score 141, DB 9;
Best Local Similarity 100.0%; Pred. No. 6.2e-12;
Matches 25; Conservative 0; Mismatches 0;
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                   US20020128202A1
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LENGTH: 25
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Publication No. US20020187933A1
GENERAL INFORMATION:
TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED
TITLE OF INVENTION: PEPTIDES
TITLE OF INVENTION: PEPTIDES
TITLE OF INVENTION: DEATHORS
TITLE OF LEGENERICE: 3033.1000-008
CURRENT APPLICATION NUMBER: US/10/050,611
                                                                                                                Length 23;
                                                                                                                                                                   Indels
FEATURE:
, OTHER INFORMATION: Polypeptide, fragment of thrombin
US-09-904-090-3
                                                                                                           Query Match

85.8%; Score 121; DB 9; 1

Best Local Similarity 100.0%; Pred. No. 2.6e-09;

Matches 21; Conservative 0; Mismatches 0;
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RESULT 4 US-09-777-328-8

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FILE REPERENCE: 3033.1003-004
CURRENT APPLICATION NUMBER: US/10/050,688
CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 09/909,348
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 6
SOUTHARD: FastSEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 23
LENGTH: 23
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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CTHER INFORMATION: CONH2
US-10-050-688-6
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Best Local Similarity
Matches 21; Conserv
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APPLICANT: Crowther, Roger S.
APPLICANT: Stiernberg, Janet
APPLICANT: Bergmann, Johnet
TITLE OF INVENTION: STMULATION OF CARTILAGE GROWTH WITH
TITLE OF INVENTION: AGONISTS OF THE NON-PROTEOLYTICALLY ACTIVATED THROMBIN
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FEATURE:
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Sequence 4, Application US/10050611

Publication No. US20020187933A1

GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REFERENCE: 3033.1000-008

CURRENT PELING DATE: 2002-01-16

PRIOR APPLICATION NUMBER: 09/904,090

PRIOR RILING DATE: 2001-07-12

PRIOR APPLICATION NUMBER: 60/217,583

PRIOR PILING DATE: 2000-07-12

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 4
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85.8%; Score 121; DB 13;
Best Local Similarity 100.0%; Pred. No. 2.6e-09;
Matches 21; Conservative 0; Mismatches 0;
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LOCATION: 23
COTATION: Valine is amidated as CONH2
US-10-050-611-4
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; OTHER INFORMATION: human fragment of thrombin
US-10-050-611-3
                  CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 09/904,090
PRIOR FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 60/217,583
PRIOR FILING DATE: 2000-07-12
NUMBER OF SEQ ID NOS: 4
SOFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
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                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 21; Conservative
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Sequence 6, Application US/10050688
Publication No. US20020198154A1
GENERAL INFORMATION:
APPLICANT: Carney, Darrell H.
APPLICANT: Carney, Darrell H.
APPLICANT: Stienberg, Janet
APPLICANT: Stienberg, Janet
APPLICANT: Stienberg, Janet
APPLICANT: Bergmann, John
TITLE OF INVENTION: STIMULATION OF CARTILAGE GROWTH WITH
TITLE OF INVENTION: RECEPTOR
TITLE OF INVENTION: RECEPTOR
TITLE OF INVENTION RECEPTOR
TITLE OF INVENTION WINDER: 2002-01-16
CURRENT FILING DATE: 2002-01-16
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
SERVINE APPLICATION OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                        Query Match 85.8%; Score 121, DB 13; Best Local Similarity 100.0%; Pred. No. 2.6e-09; Matches 21; Conservative 0; Mismatches 0;
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Pred. No. 2.6e-09;
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) OTHER INFORMATION: peptide fragment of thrombin US-10-050-688-5
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TITLE OF INVENTION: Antithrombotic Variant Thrombins
FILE REFERRNCE: BOS6 1070.1
CURRENT APPLICANTON NUMBER: US/10/165,442
CURRENT FILING DATE: 2002-06-07
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.0
SEQ ID NO: 295
LENGTH: 295
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Best Local Similarity 100.0%; Pred. No. 3.6e-08;
Matches 21; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 3.6e-08;
Matches 21; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                           DOCATION: (37)..(295)
CTHER INFORMATION: Thrombin W215A B-Chain US-10-165-442-1
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LOCATION: (1)..(36)

COTHER INFORMATION: Thrombin WE A-Chain
FEATURE:
NAME/KEY: CHAIN
COCATION: (37)..(295)

OTHER INFORMATION: Thrombin WE B-Chain
US-10-165-442-3
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                                                                                                     LOCATION: (1)..(36)
OTHER INFORMATION: Thrombin W215A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5 YKPDEGKRGDACEGDSGGPFV 25
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Publication No. US20030215440Al
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
FEATURE:
       ORGANISM: Homo sapiens
                                                                        NAME/KEY: CHAIN
                                                                                                                                                                          FEATURE:
NAME/KEY: CHAIN
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US-10-165-442-3
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Publication No US20030215440A1

GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION: Antithrombotic Variant Thrombins
FILE REFERENCE: B056 1070.1

CURRENT APPLICATION NUMBER: US/10/165,442

CURRENT FILING DATE: 2002-06-07

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin version 3.0

LENGTH: 295
GENERAL INFORMATION:
APPLICANT: Emory University
TITLE OF INVENTION: Antithrombotic Variant Thrombins
FILE REPERENCE: E056 1070.1
CURRENT APPLICATION NUMBER: US/10/165,442
CURRENT FILING DATE: 2002-06-07
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Emory University
TITLE OF INVENTION: Antithrombotic Variant Thrombins
FILE REFERENCE: EDS6 1070.1
CURRENT APPLICATION NUMBER: US/10/165,442
CURRENT FILING DATE: 2002-06-07
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.0
LENGTH: 259
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85.8%; Score 121; DB 15;
Best Local Similarity 100.0%; Pred. No. 3.2e-08;
Matches 21; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.0%; Pred. No. 3.2e-08;
Matches 21; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DOCATION: (1): (259)
CTHER INFORMATION: Thrombin W215A B-Chain
US-10-165-442-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (1)..(259)
OTHER INFORMATION: Thrombin WE B-Chain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 190 YKPDEGKRGDACEGDSGGPFV 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    YKPDEGKRGDACEGDSGGPFV 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5 YKPDEGKRGDACEGDSGGPFV 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5 YKPDEGKRGDACEGDSGGPFV 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 4, Application US/10165442; Publication No. US20030215440A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: CHAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: CHAIN
                                                                                                                                                                                                                                                                            SEQ ID NO 2
LENGTH: 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-165-442-4
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US-10-165-442-1
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Gaps

Indels

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                                                                                                                                                                                                                                                                                                                    RESULT 15
US-10-017-631-2
; Sequence 2, Application US/10017631
; Publication No. US2003009957A1
; GENERAL INFORMATION:
; APPLICANT: MCCATHY, Jeanette
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF VASCULAR DISEASE
; FILE REFERENCE: MAI-006
; CURRENT APPLICATION NUMBER: US/10/017,631
; CURRENT FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: 60/325,930
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PATENTING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PATENTING DATE: 2001-09-28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-631-2
                                                                                                                                                                    ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ;0
                                                                                                              Query Match
85.8%; Score 121; DB 14; Length 622;
Best Local Similarity 100.0%; Pred. No. 7.8e-08;
Matches 21; Conservative 0; Mismatches 0; Indels C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 85.8%; Score 121; DB 14; Length 622; Best Local Similarity 100.0%; Pred. No. 7.8e-08; Matches 21; Conservative 0; Mismatches 0; Indels (
                                                                                                                                                                                                                                      553 YKPDEGKRGDACEGDSGGPFV 573
                                                                                                                                                                                                           5 YKPDEGKRGDACEGDSGGPFV 25
; LENGTH: 622
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-020-141-8
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Search completed: March 18, 2004, 07:24:53 Job time : 66.4762 secs

553 YKPDEGKRGDACEGDSGGPFV 573

5 YKPDEGKRGDACEGDSGGPFV 25

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GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Search time 33.5 Seconds (without alignments) 77.300 Million cell updates/sec				sidues
<pre>March 18, 2004, 07:17:04 ; Search time 33.5 Seconds (without alignments) 77.300 Million cell update</pre>	US-09-909-348-1 59	1 CEGDSGGPFV 10	BLOSUM62 Gapop 10.0 , Gapext 0.5	.1049977 segs, 258955339 residues
Run on:	Title: Perfect score:	sequence:	Scoring table: BLOSUM62 Gapop 10	Searched:

Total number of hits satisfying chosen parameters:

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries Minimum DB seq length: 10 Maximum DB seq length: 10

Database :

Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/IS06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description		Sequence 1, Appli	Seguence 1, Appli	:	. :	Segmence 2, Appli	Sequence 2, Appli		٠,	φ	Sequence 3584, Ap	Sequence 3784, Ap	Sequence 3785, Ap	Seguence 55, Appl	Sequence 51, Appl	Sequence 53, Appl
	QH		US-09-909-348-1	US-09-909-122-1	US-10-050-692-1	US-10-050-688-1	US-09-909-348-2	US-09-909-122-2	US-10-050-692-2	US-10-050-688-2	US-09-572-404B-606	US-09-572-404B-3584	US-09-572-404B-3784	US-09-572-404B-3785	US-09-879-957-55	US-09-572-404B-51	US-09-572-404B-53
	DB	-	თ	σ	13	13	σ	σ	13	13	10	10	10	10	σ	10	10
	Query Match Length DB		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
o\6	Query Match		100.0	100.0	100.0	100.0	78.0	78.0	78.0	78.0	57.6	47.5	45.8	45.8	42.4	42.4	42.4
	Score	1 1 1 1 1 1 1	59	9	69	59	46	46	46	46	34	28	27	27	25	25	25
	Result No.	1 1 1 1 1	1	73	m	4'	ഗ	9	7	σο	9	10	11	12	13	14	15

Sequence 55, Appl Sequence 63, Appl Sequence 174, App Sequence 2021, App Sequence 2031, App Sequence 2091, App Sequence 2095, App Sequence 219, App Sequence 212, App Sequence 58, Appl Sequence 217, App Sequence 281, App Sequence 281, Appl Se	equence 58, equence 176 equence 342 equence 344 equence 344
US-09-572-404B-55 US-09-572-404B-63 US-09-572-404B-2027 US-09-572-404B-2027 US-09-572-404B-2091 US-09-572-404B-2091 US-09-572-404B-2095 US-09-572-404B-2095 US-09-932-165-532 US-09-932-165-532 US-09-932-165-532 US-09-932-165-532 US-09-932-165-532 US-09-932-165-532 US-09-932-165-532 US-09-932-165-932 US-09-572-270A-281 US-09-572-270A-281 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-09-572-270A-283 US-10-572-270A-285	-10-375-992-5 -09-572-4048- -09-572-4048- -09-572-4048- -09-572-4048-
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0 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4444444 0110040

ALIGNMENTS

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Sequence 1, Application US/09909348

Sequence 1, Application US/09909348

GENERAL INFORMATION:
APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Crowther, John
TITLE OF INVENTION: Of The No. US20020042373Al-Proteclytically Activated Thrombin R.
FILES REPERENCE: 3033.1003.001
CURRENT FILING DATE: 2001-07-19
FRIOR APPLICATION NUMBER: US 60/219,800
FRIOR FILING DATE: 2000-07-20
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100.0%; Score 59; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0076;
Matches 10; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Peptide fragment of Thrombin
                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-909-348-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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RESULT 2 US-09-909-122-1 ; Sequence 1, Application US/09909122 1 CEGDSGGPFV 10 1 CEGDSGGPFV 10 ò 셤

Mon Mar 22 09:51:00 2004

US20020128202A1

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Sequence 1, Application US/10050692
; Publication No. U320020182205A1
; GENERAL INFORMATION:
APPLICANT: Carney, Darrell H.
APPLICANT: Simmon David J.
APPLICANT: Yang, Jinjing
APPLICANT: Redin, William R.
TITLE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROMBIN
TITLE OF INVENTION: SIPPLICE DESIVATIVES
FILE REFERENCE: 3033 1002-004
CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 09/909,122
PRIOR APPLICATION NUMBER: 09/909,122
PRIOR PILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 59; DB 13; 100.0%; Pred. No. 0.0076;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: fragment of human prothrombin
US-10-050-692-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
Matches 10; Conservative
g
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Sequence 1, Application US/10050688
Publication No. US2020198154A1
GENERAL INFORMATION:
APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Stiernberg, Janet
APPLICANT: Stiernberg, Janet
APPLICANT: Stiernberg, Janet
APPLICANT: Stiernberg, Janet
APPLICANT: Bergmann, John
TITLE OF INVENTION: ASTIMULATION OF CARTILAGE GROWTH WITH
TITLE OF INVENTION: ABOONISTS OF THE NON-PROTEOLYTICALLY ACTIVATED THROMBIN
TITLE OF INVENTION: ABOONISTS OF THE NON-PROTEOLYTICALLY ACTIVATED THROMER: US/10/050,688
TILLE REFERENCE: 3033.1003-004
CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 09/999,348
PRIOR APPLICATION NUMBER: 09/999,348
PRIOR APPLICATION NUMBER: 09/219,800
PRIOR APPLICATION NUMBER: 00/219,800
PRIOR PRING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ) OTHER INFORMATION: peptide fragment of thrombin US-10-050-688-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
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ö Gaps ·; Length 10; 0; Indels 100.0%; Score 59; DB 13; 100.0%; Pred. No. 0.0076; Mismatches . 0 Query Match Best Local Similarity 100. Matches 10; Conservative

1 CEGDSGGPFV 10 1 CEGDSGGPFV 10 ò q

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Sequence 2, Application US/09909348

Sequence 2, Application US/09909348

Sequence 2, Application US/09909348

GENERAL INFORMATION:

APPLICANT: Carnow, Darrell H.

APPLICANT: Stiernberg, Janet

APPLICANT: Stiernberg,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
RESULT 5
US-09-909-348-2
```

FEATURE:
OTHER INFORMATION: Peptide fragment of Thrombin
NAME/KEY: VARIANT
COCATION: (1)...(10)
OTHER INFORMATION: Xaa at position two is Glu or Gln
OTHER INFORMATION: Xaa at position nine is Phe, Met, Leu, His or Val
US-09-909-348-2

Gaps ; 0 78.0%; Score 46; DB 9; Length 10; 80.0%; Pred. No. 0.83; 2; Indels tive 0; Mismatches 2; Indels Query Match
Best Local Similarity 80.0
Matches 8; Conservative

.; 0

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Gaps

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0; Indels

0; Mismatches

FEATURE:

, OTHER INFORMATION: Peptide fragment of Thrombin US-09-909-122-1

Query Match
100.0%; Score 59; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0076;
Matches 10; Conservative 0; Mismatches 0; Indels

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. 0

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CEGDSGGPFV 10 CEGDSGGPFV 10

RESULT 4

```
APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Stienhorg, Janet
APPLICANT: Stienhorg, Janet
APPLICANT: Stienhorg, Janet
TITLE OF INVENTION: STIMULATION OF CARTILAGE GROWTH WITH
TITLE OF INVENTION: RECEPTOR
FILE REFERENCE: 3033.1003-004
CURRENT APPLICATION NUMBER: US/10/050,688
CURRENT APPLICATION NUMBER: US/2004-01-19
PRIOR FILING DATE: 2001-07-119
PRIOR FILING DATE: 2001-07-109
PRIOR FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 9
US-09-572-404B-606
; Sequence 606, Application US/09572404B
; Sequence 606, Application No. US2033078374A1
; GENERAL INFORMATION:
; APPLICANT: Proteom Ltd
; TILLE OF INVENTION:
; FILE REPERENCE: Human parent
; CURRENT APPLICATION NUMBER: US/09/572,404B
; CURRENT PILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4203
; SOFTWARE: ProtPatent version 1.0
                                                                                                                                                                                      Gaps
                                                                                                                                                                                      .
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                                                                                                                                      DB 13; Length 10; 0.83;
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                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2; Indels
                                           DOCATION: (9):...(9)
CTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val
US-10-050-692-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ); NAME/KEY: VARIANT

; LOCATION: (9)

; OTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val

US-10-050-688-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: peptide fragment of thrombin
                                                                                                                                      Score 46; DB 1
Pred. No. 0.83;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 46; DB 1
Pred. No. 0.83;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: VARIANT
LOCATION: (2)...(2)
OTHER INFORMATION: Xaa = Glu or Gln
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   78.0%;
80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                      Query Match
Best Local Similarity 80.0%;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 80.0
Matches 8; Conservative
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FEATURE:
NAME/KEY: VARIANT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Peptide fragment of Thrombin NAME/KEY: VARIANT LOCATION: (1) . . . (1) . . (1) OTHER INFORMATION: Xaa at position two is Glu or Gln OTHER INFORMATION: Xaa at position nine is Phe, Met, Leu, His or Val
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/10050692
| Sequence 2, Application US/10050692
| Publication Oc. US20020182205A1
| GENERAL INPORMATION:
| APPLICANT: Carney, Darrell H.
| APPLICANT: Crowther, Roger S.
| APPLICANT: Simmons, David J.
| APPLICANT: Redin, William R.
| TITLE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROMBIN TITLE OF INVENTION: PEPTIDE DERIVATIVES
| FILE REFERENCE: 3033.1002-004
| CURRENT FILING DATE: 2001-01-16
| PRIOR FILING DATE: 2001-07-19
| PRIOR FILING DATE: 2000-07-19
| NUMBER OF SEQ ID NOS: 6
| GOFFWARE: FASTSER FOR Windows Version 4.0
                                                                                                                                                     APPLICANT: Crowther, Roger S.
APPLICANT: Crowther, Roger S.
APPLICANT: Stamons David J.
APPLICANT: Stamons David J.
APPLICANT: Stamons David J.
APPLICANT: Redin, William R.
ITLE OF INVENTION: Stimulation Of Bone Growth With Thrombin TILLE OF INVENTION: Peptide Derivatives
FILE REFERENCE: 3033.1002-001
CURRENT FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: US 60/219,300
PRIOR APPLICATION NUMBER: US 60/219,300
PRIOR APPLICATION NUMBER: US 60/219,300
PRIOR PILING DATE: 2000-07-19
PRIOR PILING DATE: 2000-07-19
PRIOR PELING DATE: 2000-07-19
PRIOR PILING DATE: 2000-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     78.0%; Score 46; DB 9; Length 10;
80.0%; Pred. No. 0.83;
tive 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: VARIANT
LOCATION: (2)...(2)
OTHER INFORMATION: Xaa = Glu or Gln
                                                                                        Sequence 2, Application US/09909122
Patent No. US20020128202A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 78.0
Best Local Similarity 80.0
Matches 8; Conservative
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                                                                                                                                        GENERAL INFORMATION:
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LENGTH: 10
TYPE: PRT
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LENGTH: 10
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FEATURE:
OTHER INFORMATION: sequence located in ERKS OR ERK4 at 543-552 and may interact with
HER INFORMATION: Sequence 3784 in this patent.
US-09-572-4048-3785
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: SPARKS, Andrew B.

APPLICANT: SPARKS, Andrew B.

KAY, Brian K.

KAY, Brian K.

FOWLKES, Dana M.

MCCONDELL, Stephen J.

TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
USING SAME
                                                                                                                                                                                                                        APPLICANT: Proteom Ltd
TILLS OF INVENTION: Complementary peptide ligands from the human genome FILE REFERENCE: Human patent CURRENT APPLICATION NUMBER: US/09/572,404B
CURRENT FILING DATE: 2000-05-17
KUMBER OF SEQ ID NOS: 4203
SOFTWARE: ProtPatent version 1.0
SEQ ID NO 3785
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
45.8%; Score 27; DB 10; Length 10;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 5; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPBRATING SYSTEM: PC-DOS MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 227
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,915
FILING DATE: 03-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REPERENCE/DOCKET NUMBER: 11,101-174
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/879,957
FILING DATE: 13-JUN-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                     Sequence 3785, Application US/09572404B Publication No. US20030078374A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 55, Application US/09879957
Patent No. US20020034755A1
GENERAL INFORMATION:
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ZIP: 10036-2711
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TYPE: PRT
ORGANISM: Homo Sapiens
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                                            3 GASGGP
3 GDSGGP
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US-09-572-404B-3785
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: sequence located in PXR1 OR PEXS at 811-820 and may interact with OTHER INFORMATION: Sequence 3583 in this patent.
                                                                                      FEATURE: O'CHER INFORMATION: sequence located in C2 at 674-683 and may interact with Sequence O'CHER INFORMATION: this patent.
US-09-572-4048-606
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US-09-572-404B-3784

US-09-572-404B-3784

Sequence 3784, Application US/09572404B

Publication No. US20000078374A1

GENERAL INFORMATION:
APPLICANT: Proteom Ltd

TITLE OF INVENTION: Complementary peptide ligands from the human genome
FILE REFERENCE: Human patent
CURRENT PAPLICATION NUMBER: US/09/572,404B

CURRENT FILING DATE: 2000-05-17

NUMBER OF SEQ ID NOS: 4203

SEQ ID NO 3784

LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Proteon Ltd
TITLE OF INVENTION: Complementary peptide ligands from the human genome FILE REFERENCE: Human patent
CURRENT APPLICATION NUMBER: US/09/572,404B
CURRENT FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 4203
SOFTWARE: ProtPatent version 1.0
SEQ ID NO 3584
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                                                                                                                                                                                                         Length 10;
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45.8%; Score 27; DB 10; Length 10;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 5; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                       Score 34; DB 10;
Pred. No. 63;
2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3584, Application US/09572404B Publication No. US20030078374A1 GENERAL INFORMATION:
                                                                                                                                                                                                       Query Match 57.6%;
Best Local Similarity 71.4%;
Matches 5; Conservative
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Matches 5, Conservative
                   LENGTH: 10
TYPE: PRT
ORGANISM: Homo Sapiens
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ORGANISM: Homo Sapiens
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ORGANISM: Homo Sapiens
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CKGESGG 8
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SEQ ID NO 606
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Gaps ; 0

Length 10; 0; Indels

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; OTHER INFORMATION: sequence located in CBFA2 OR AML1 at 360-369 and may interact wi; OTHER INFORMATION: Sequence 54 in this patent.
US-09-572-404B-53
                                                                                               Query Match
42.4%; Score 25; DB 10; I
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 4; Conservative 0; Mismatches 0;
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US-09-572-404B-51
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Publication No. US20030078374A1
Publication No. US20030078374A1
APPLICANT: Proteom Ltd
TITLE OF INVENTION: Complementary peptide ligands from the human genome
TITLE REFERENCE: Human patent
CURRENT PAPLICANTION NUMBER: US/09/572,404B
CURRENT FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 4203
SEPTWARE: ProtPatent version 1.0
SEQ ID NO 53
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Proteom Ltd
TITLE OF INVENTION: Complementary peptide ligands from the human genome
TITLE OF INVENTION: Complementary peptide ligands from the human genome
TITLE OF INVENTION: Complements to Septiment of Septiment application winhers to Septiment 2000-05-17
WINDER OF SEQ ID NOS: 4203
SOFTWARE: ProtPatent version 1.0
SEQ ID NO 51
LENGTH: 10
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42.4%; Score 25; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 42.4%; Score 25; DB 9; Length 10; Best Local Similarity 71.4%; Pred. No. 1.6e+03; Matches 5; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                ) SEQUENCE DESCRIPTION: Undefined SS: US-09-879-957-55
                         TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS: «Unknown)
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 51, Application US/09572404B Publication No. US20030078374A1 GENERAL INFORMATION:
       TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                         Other
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ORGANISM: Homo Sapiens
FEATURE:
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ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                      NAME/KEY:
LOCATION:
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US-09-572-404B-53
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March 18, 2004, 07:17:04; Search time 33.5 Seconds (without alignments) 77.300 Million cell updates/sec
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/ Cgn2_6/ptodata/1/pubpad/OSO9#_PencOMB.pep:...
/ Cgn2_6/ptodata/1/pubpad/USO9#_PEM_PENCOMB.pep:...
/ Cgn2_6/ptodata/1/pubpad/USO9#_PEM_PENCOMB.pep:...
/ Cgn2_6/ptodata/1/pubpad/USOA#_PUBCOMB.pep:...
/ Cgn2_6/ptodata/1/pubpad/USOA#_PUBCOMB.pep:...
/ Cgn2_6/ptodata/1/pubpad/USOA#_PUBCOMB.pep:...
/ Cgn2_6/ptodata/1/pubpad/USOO_NEW_PUB.pep:...
/ Cgn2_6/ptodata/1/pubpad/USOO_NEW_PUB.pep:...
/ Cgn2_6/ptodata/1/pubpad/USOO_NEW_PUB.pep:...
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1. /cgn2 6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2. /cgn2 6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3. /cgn2 6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4. /cgn2 6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
6. /cgn2 6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6. /cgn2 6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7. /cgn2 6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
8. /cgn2 6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
9. /cgn2 6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1049977 seqs, 258955339 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                              OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                         BLOSUM62
Gapop 10.0 , Gapext 0.5
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50
                                                                                                                                                                                                                                                                                                                                                                          1 CXGDSGGPXV 10
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                                                                                                                                                                                                                                                                                                              Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                            Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                             Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Searched:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 1, Appli	Sequence 2, Appli	1,1	Sequence 2, Appli	Sequence 1, Appli	Sequence 2, Appli	Sequence 1, Appli	Sequence 2, Appli	Sequence 606, App	Sequence 3584, Ap	Sequence 3784, Ap	Sequence 3785, Ap	Sequence 55, Appl	Seguence 174, App	Sequence 2027, Ap
	ID	US-09-909-348-1	US-09-909-348-2	US-09-909-122-1	US-09-909-122-2	US-10-050-692-1	US-10-050-692-2	US-10-050-688-1	US-10-050-688-2	US-09-572-404B-606	US-09-572-404B-3584	US-09-572-404B-3784	US-09-572-404B-3785	US-09-879-957-55	US-09-572-404B-174	US-09-572-404B-2027
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æ	Query Match	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	64.0	56.0	54.0	54.0	52.0	50.0	50.0
	Score	46	46	46	46	46	46	46	46	32	28	27	27	26	25	25
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Gaps

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Length 10; 2; Indels

Score 46; DB 9; Pred. No. 0.37; 0; Mismatches

Query Match
Best Local Similarity 80.0%;
Matches 8; Conservative (

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RESULT 2 US-09-909-348-2 ; Sequence 2, Application US/0990348

; OTHER INFORMATION: Peptide fragment of Thrombin US-09-909-348-1

	U U U U U U U U U U U U U U U U U U U	000000000000000000000000000000000000000				Sequence 2033, Ap Sequence 2091, Ap Sequence 2093, Ap Sequence 2095, Ap Sequence 206, App Sequence 206, App Sequence 207, App Sequence 277, App Sequence 277, App Sequence 281, App Sequence 285, App
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RESULT 1 US-09-09-348-1 Sequence 1, A Sequence 1, A Patent No. US APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: TITLE OF INV TITLE OF INV TITLE OF INV FILE REFRENCE CURRENT APPL CURRENT FILI PRIOR APPLICANT: PRIOR PELLICANT: PRIOR FILING SOFTWARE: FS SOFTWARE:	SULT 1 Sequence 1, Application Bequence 1, Application Bequence 1, Application GENERAL INFORMATION: APPLICANT: Carney, Dara APPLICANT: Crowther, B APPLICANT: Sternberg, APPLICANT: Bergmann, TITLE OF INVENTION: Stiernberg, TITLE OF INVENTION: SCHOOL OF TITLE OF INVENTION: SCHOOL OF TITLE OF INVENTION OUT FILLE REFERENCE: 3033.1 CURRENT FILING DATE: 2 PRIOR FILING DATE: 2 RICH RILING DATE: 2 RICH RICH RICH RICH RICH RICH RICH RICH	Applicatio US20020423 US200200423 CRAMATTON: CATHEY, St. Ernber, Bergmann, NVENTION: NVENTION: NVENTION: PLING DATE: ILNG DATE: ILNG DATE: ILNG DATE: ICATION NUM NG DATE: ICATIO	ULT 1 equence 1, Application US/09903348 atent No. US2002004237341 atent No. US2002004237341 aPERSAL INPORMATION: APPLICANT: Carney, Darrell H. APPLICANT: Stiernberg, Janet CUURENT FILING DATE: 2001-07-19 FRIOR APPLICATION NUMBER: US 60/21 FRIOR FILING DATE: 2001-07-29 FRIOR FILING DATE: 2001-07-20 NUMBER OF SEQ ID NOS: 5 SOUTWARE: FastSEQ for Windows Vers EQ ID NO 1 LENGTH: 10 TYPE: PRT TYPE: PRT FRATURE: FRATURE:	US/0990 3A1 rell H. Roger S. Janet John imulatio f The No Of The No MBER: US 2001-07-20 5 Windows Sequence	sognates S. ion Of Cartilage Growth With Agonists No. US20020042373Al-Proteolytically Activated US/09/909,348 7-19 60/219,800 0 sresion 4.0	Agonists tically Activated Thrombin R

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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Peptide fragment of Thrombin
NAME/KEY: VARIANT
LOCATION: (1)...(10)
OTHER INFORMATION: Xaa at position two is Glu or Gln
US-09-909-122-2
US-09-909-122-2
                                                                                                                               APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Simmons, David J.
APPLICANT: Simmons, David J.
APPLICANT: Simmons, David J.
APPLICANT: Simmons, David J.
APPLICANT: Redin, William R.
TITLE OF INVENTION: Stimulation Of Bone Growth With Thrombin TITLE OF INVENTION: Peptide Derivatives
FILE REFERENCE: 3033.1002-001
CURRENT APPLICATION NUMBER: US/09/909,122
CURRENT APPLICATION NUMBER: US 60/219,300
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 10
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Publication No. US20020182205A1
GENERAL INFORMATION:
                                       Sequence 2, Application US/09909122
Patent No. US20020128202A1
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ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 8; Conserva
                                                                                                               GENERAL INFORMATION:
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Matches 1
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                                                           APPLICANT: Carney, Darrell H.
APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Stiernberg, Janet
APPLICANT: Stiernberg, Janet
APPLICANT: Stiernberg, Janet
APPLICANT: Bergmann, John
TITLE OF INVENTION: Stimulation Of Cartilage Growth With Agonists
TITLE OF INVENTION: Of The No. US20020042373Al-Froteolytically Activated Thrombin ReFILE REPERBNE: 3033.1003-001
CURRENT APPLICATION NUMBER: US/09/909,348
PRIOR TELLING DATE: 2001-07-19
PRIOR FILING DATE: 2000-07-20
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CTHER INFORMATION: Xaa at position two is Glu or Gln
CHER INFORMATION: Xaa at position nine is Phe, Met, Leu, His or Val
US-09-909-348-2
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GENERAL INFORMATION:
APPLICANT: Carney, Darrell H.
APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Reger S.
APPLICANT: Simmons, David J.
APPLICANT: Redin, William R.
TITLE OF INVENTION: Stimulation Of Bone Growth With Thrombin TITLE OF INVENTION: Peptide Derivatives
FILE REFERENCE: 3033.1002-001
CURRENT APPLICATION NUMBER: US/09/909,122
CURRENT FILING DATE: 2001-07-19
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-19
SOFTWARE: FastSEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.00.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Peptide fragment of Thrombin
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US-09-909-122-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
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US20020042373A1
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1 CXGDSGGPXV 10

RESULT 4

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US-10-050-688-2
; Sequence 2. Application US/10050688
; Publication No. US20020199154A1
; GENERAL INFORMATION:
    APPLICANT: Carney, Darrell H.
    APPLICANT: Carney, Darrell H.
    APPLICANT: Stiernberg, Janet
    TITLE OF INVENTION: RECEPTOR
    TITLE OF INVENTION INVENTION: RECEPTOR
    TITLE OF INVENTION INVENTION: RECEPTOR
    TITLE OF INVENTION INVENTION INVENTION INVENTION INVENTION IN
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Publication No. US20030078374A1
GENERAL INFORMATION:
APPLICANT: Proteom Ltd
APPLICANT: Proteom Ltd
TITLE OF INVENTION: Complementary peptide ligands from the human genome
FILE REFERENCE: Human patent;
CURRENT APPLICATION NUMBER: US/09/572,404B
CURRENT FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 4203
SOFTWARE: Protepatent version 1.0
                                                                                                                                                                                                                DB 13; Length 10; 0.37;
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NAME/KEY: VARIANT

LOCATION: (2)...(2)

OTHER INFORMATION: Xaa = Glu or Gln

FEATURE:

NAME/KEY: VARIANT

LOCATION: (9)...(9)

OTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val

US-10-050-688-2
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: peptide fragment of thrombin US-10-050-688-1
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ORGANIEM: Artificial Sequence
FEATURE:
OTHER INFORMATION: peptide fragment of thrombin
                                                                                                                                                                                                            Score 46; DB
Pred. No. 0.37
0; Mismatches
                                                                                                                                                                                                            Query Match
Best Local Similarity 80.0%;
Matches 8; Conservative
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US-09-572-404B-606
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Publication No. US2020198154A1
GENERAL INFORMATION:
APPLICANT: Graney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Crembery, Janet
APPLICANT: Stienthergy, Janet
APPLICANT: Stienthergy, Janet
APPLICANT: Stienthergy, Janet
APPLICANT: Stienthergy, Janet
APPLICANT: Bergmann, John
TITLE OF INVENTION: STIMULATION OF CARTILAGE GROWTH WITH
TITLE OF INVENTION: APPLICANTON: RECEPTOR
FILE REPERENCE: 3033.1003-004
CURRENT PAPLICATION NUMBER: US/10/050,688
CURRENT FILING DATE: 2002-01-16
FRIOR APPLICATION NUMBER: 09/099,348
FRIOR APPLICATION NUMBER: 09/099,348
FRIOR FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 6
SOFTWARE FABLES FABLES FOR Windows Version 4.0
SEQ ID NO 1
LENGTH: 10
                                                                                                        KESULT 6

US-10-050-692-2

| Sequence 2, Application US/10050692
| Publication No. US20020182205A1
| GENERAL INFORMATION:
| APPLICANT CATHORY, Darrell H. APPLICANT Crowther, Roger S. APPLICANT Simmons, David J. APPLICANT Simmons, David J. APPLICANT Simmons, David J. APPLICANT Simmons, David J. APPLICANT Sedin, William R. ITILE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROMBIN TITLE OF INVENTION: PEPTIDED DERIVATIVES
| TITLE OF INVENTION WIMBER: US/10/050,692
| CURRENT APPLICATION NUMBER: 09/99,122
| PRIOR PILLING DATE: 2001-07-19
| PRIOR PILLING DATE: 2001-07-19
| NUMBER OF SED ID NOS: 6
| SOFTWARE: FASTSEQ for Windows Version 4.0
| LENGTH: 100
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92.0%; Score 46; DB 13; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.37;
Matches 10; Conservative 0; Mismatches 0; Indels

    LOCATION: (9)
    COTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val
    Val-10-050-292-2

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OTHER INFORMATION: human fragment of prothrombin
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OTHER INFORMATION: Xaa = Glu or Gln
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                      1 CEGDSGGPFV 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: VARIANT
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Gaps
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FEATURE:
OTHER INFORMATION: sequence located in ERK5 OR ERK4 at 543-552 and may interact with
OTHER INFORMATION: Sequence 3784 in this patent.
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HOFFMAN, No. US20020034755Alh

KAY, Brian K.

KAY, Brian K.

KAY, Brian K.

MCONNELL, Stephen J.

TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
USING SAME
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                                                                                                                                                                                                                                                                                                                                 APPLICANT: Proteom Ltd
TITLE OF INVENTION: Complementary peptide ligands from the human genome
FILE REPERBNES: Human patent
CURRENT APPLICATION NUMBER: US(09/572,404B
CURRENT FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 4203
SSCTWARE: ProtPatent version 1.0
SRQ ID NO 3785
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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COMPUTER READELE FORM:

MEDIUM TYPE: PLODBY disk

COMPUTER: IBM PC compatible

COMPUTER: PC-COMPA: PC-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 27; DB 10; Length 10;
Pred. No. 4.7e+02;
0; Mismatches 1; Indels
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CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,915
FILING DATE: 03-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-174
TELECOMMUNICATION INFORMATION:
                                                                                                                                                               RESULT 12
US-09-572-404B-3785
Sequence 3765, Application US/09572404B
Publication No. US20030078374A1
GENERAL INFORMATION:
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US-09-879-957-55
; Sequence 55, Application US/09879957
; Patent No. US20020034755A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 83.3%;
Matches 5; Conservative
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ORGANISM: Homo Sapiens
GDSGGP 8
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US-09-572-404B-3584
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE: OTHER INFORMATION: sequence located in ERKS OR ERK4 at 543-552 and may interact with CHER INFORMATION: Sequence 3785 in this patent.
                                                                                                                                     sequence located in C2 at 674-683 and may interact with Sequence this patent.
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US-009-572-404B-3784
US-009-572-404B-3784
; Sequence 3784, Application US/09572404B
; Publication No. US20030078374A1
; GENERAL INFORMATION:
APPLICANT: Protecm 1.td
; TITLE OF INVENTION: Complementary peptide ligands from the human genome
; FILE REFERENCE: Human patent
CURRENT APPLICATION NUMBER: US/09/572,404B
; CURRENT FILING DATE: 2000-05-17
; NOMBER OF SEQ ID NOS: 4203
; SOFTWARE: Protectent version 1.0
; SEQ ID NO 3784
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Protecom Ltd
TITLE OF INVENTION: Complementary peptide ligands from the human genome
TITLE REPRENCE: Human patent
CURRENT APPLICATION NUMBER: US/09/572,404B
CURRENT FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 4203
SOFTWARE: ProtPatent version 1.0
SEQ ID NO 3584
LENGTH.10
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                                                                                                                                                                                                                                                                                                    64.0%; Score 32; DB 10; Length 10; 71.4%; Pred. No. 71; ive 1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-572-404B-3584

, Sequence 3584, Application US/09572404B

; Publication No. US20030078374A1

; GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 5; Conservative
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                                LENGTH: 10
TYPE: PRT
ORGANISM: Homo Sapiens
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ORGANISM: Homo Sapiens
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Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 CXGDSGG 7
                                                                                                                                                                  OTHER INFORMATION:
COTHER INFORMATION:
US-09-572-404B-606
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       SEQ ID NO 606
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OTHER INFORMATION: sequence located in CNTFR at 340-349 and may interact with Sequence OTHER INFORMATION: in this patent.

US-09-572-404B-2027
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                                                                                        Score 25; DB 10; Length 10;
Pred. No. 9.9e+02;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                Search completed: March 18, 2004, 07:26:10 Job time : 33.5 secs
                                                                                        50.0%;
                                                                                      Query Match
Best Local Similarity 66.7
Matches 4; Conservative
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US-09-572-404B-174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Proteom Ltd
TITLE OF INVENTION: Complementary peptide ligands from the human genome
TITLE OF INVENTION: Complementary peptide ligands from the human genome
TITLE SPERENCE: Human patent
CURRENT APPLICATION NUMBER: 126/99/572,404B
CURRENT FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 4203
SOFTWARE: ProtPatent version 1.0
SEQ ID NO 174
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2027, Application US/09572404B
Publication No. US20030078374A1
GENERAL INFORMATION:
APPLICANT: Proteom Ltd
TITLE OF INVENTION: Complementary peptide ligands from the human genome
FILE REFERENCE: Human patent
CURRENT APPLICATION NUMBER: US/09/572,404B
CURRENT FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 4203
SOFTWARE: ProtPatent version 1.0
SEQ ID NO 2027
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                                                                                                                                                                                                                                                                                                                                                              Length 10;
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Pred. No. 6.8e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
TELEPHONE: (212) 790-9090
TELEPX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS: «Unknown»
                                                                                                                                                                                                                                      LOCATION: CLOCATION: Undefined SEQUENCE DESCRIPTION: SEQ ID NO: 55: US-09-879-957-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 14
US-09-572-404B-174
Sequence 174, Application US/09572404B
Publication No. US20030078374A1
GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 71.4%;
Matches 5; Conservative
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MOLECULE TYPE: peptide
FEATURE:
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Best Local Similarity 66.7'
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo Sapiens
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ORGANISM: Homo Sapiens
FEATURE:
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5 GGTGGP 10
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US-09-572-404B-2027
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March 18, 2004, 07:17:54 ; Search time 39 Seconds (without alignments) 26.560 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT NEW PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_NEW PUB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
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12: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
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16: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1049977 seqs, 258955339 residues
                                                                                                                             - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                   US-09-909-348-3
                                                                                                                                                                                                                                                                                                                                                  21
1 RGDA 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Scoring table:
                                                                                                                         OM protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Database :
                                                                                                                                                                                                                                                                                                                                                                                    Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Searched:
                                                                                                                                                                                      Run on:
                                                                                                                                                                                                                                                                                                                   Title:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 23, Appl	4,	'n	equence 22	e 13	-1	96	Ģ	H	ė	1	9	4,	17	equence 1	equence 4	S	Н	Sequence 4, Appli	9	a)		ednence			a	7	e 32,	7,	Sequence 10, Appl
4 12 US-10-169-085-23	0-046-801-	0-215-4	US-10-200-	US-10-021-6	-10-299-043	0-300-69	-10-405-33	US-10-279-7	US-10-297-22	0 - 441 - 96	US-10-208-8	US-09-892-07	9-	US-09-051-60	-09-961-8	-09-961-8	-765-61	-09-925-7	09-972-77	G-60-SD	US-09-911-56	US-09-911-56	US-09-911-5	US-09-911-56	4 11 US-09-991-588B-1	US-09-991-58	US-10-001-945-	-10 - 215 - 43	4 14 US-10-215-435-10
16 18 85.7		18	18		1 18		3 18	18		18	7 18	17	29 17 81.0	17		17 81.	81.	81.	81.	36 17 81.0	81.	38 17 81.0	17 81.		41 17 81.0				45 17 81.0

ALIGNMENTS

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Sequence 3, Application US/09909348

Parent No. US20020042373A1

GENERAL INFORMATION:

APPLICANT: Carney, Darrell H.

APPLICANT: Carney, Darrell H.

APPLICANT: Stientherg, Janet

APPLICANT: Of The No. US20020042373A1-Proteolytically Activated Thrombin Refile Reference: 3033.1003-001

CURRENT APPLICATION NUMBER: US/09/909,348

CURRENT FILING DATE: 2000-07-20

PRIOR FILING DATE: 2000-07-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ô
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity 100.0%; Score 21; DB 9; Length 4; Similarity 100.0%; Pred. No. 9.5e+05; 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Peptide fragment of Thrombin
                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 4; Conserv
US-09-909-348-3
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US-09-904-090-1

RESULT 2

Sequence 1, Application US/09904090

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| Sequence 3, Application US/0909122
| Patent No. US20020128202A1
| GENERAL INFORMATION:
| APPLICANT: Carney, Darrell H. APPLICANT: Carney, Darrell H. APPLICANT: Simmons, David J. APPLICANT: William R. TITLE OF INVENTION: Stimilation Of Bone Growth With Thrombin TITLE OF INVENTION: Springed Derivatives
| FILER REFERENCE: 3031.1002-001
| CURRENT APPLICATION NUMBER: US/09/909,122
| CURRENT APPLICATION NUMBER: US 60/219,300
| PRIOR FILING DATE: 2000-07-19
| PRIOR FILING DATE: 2000-07-19
| NUMBER OF SEQ ID NOS: 5
| SEQ ID NO 3
| LENGTH: 4
                                         APPLICANT: Carney, Darrell
TITLE OF INVENTION: METHODS OF THERAPY WITH THROWEIN DERIVED
TITLE OF INVENTION: METHODS OF THERAPY WITH THROWEIN DERIVED
TITLE OF INVENTION: PEPTIDES
FILE REFERENCE: 3033.1000-001
CURRENT APPLICATION NUMBER: US/09/904,090
CURRENT FAPLICATION NUMBER: US/09/217,583
PRIOR FILING DATE: 2001-07-12
NUMBER OF SEQ ID NOS: 4
SOFTWARE SEQ ID NOS: 4
SOFTWARE FASLEEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 21; DB 9; Length 4; 100.0%; Pred. No. 9.5e+05; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Polypeptide, fragment of thrombin US-09-904-090-1
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100.0%; Pred. No. 9.5e+05;
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Publication No. US20030069173A1
GENERAL INFORMATION:
APPLICANT: HAWLEY-NELSON, PAMELA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 4; Conservative
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Matches 4; Conservative
US20020061852A1
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US-09-911-569-23
                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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Gaps
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APPLICANT: Crowther, Roger S.
APPLICANT: Simmons, David J.
APPLICANT: Simmons, David J.
APPLICANT: Samons, David J.
APPLICANT: Redin, William R.
ITLE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROMBIN TITLE OF INVENTION: BEPTIDE DERIVATIVES
FILE REFERENCE: 3033.1002-004
CURRENT APPLICATION NUMBER: US/10/050,692
CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 09/909,122
PRIOR APPLICATION NUMBER: 60/219,300
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-19
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COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/911,569
FILING DATE: 33-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
GEBEYEHU, GULILAT
TITLE OF INVENTION: PEPTIDE-ENHANCED TRANSFECTIONS
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
                                                                                                      ADDRESSEE: GREENLEE, WINNER & SULLIVAN
STREET: 5370 MANHATTAN CIRCLE, SUITE 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 21; DB 10;
11arity 100.0%; Pred. No. 9.5e+05;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 09/039,780 FILING DATE: 16-MAR-1998 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: SULLIVAN, SALLY A.
REGISTRATION NUMBER: 32,064
REFRENCE/DOCKET NUMBER: 32-95D
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
SAUTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (303)499-8080
TELEPAX: (303)499-8089
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/10050692 Publication No. US20020182205A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 4 amino acids
                                                                                                                                                                                                                COUNTRY: US
ZIP: 80303
COMPUTER READABLE FORM:
                                                                                                                                                             CITY: BOULDER
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Best Local Similarity
Matches 4; Conservat
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Publication No. US2020198154A1
GENERAL INFORMATION:
APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Crowther, Gerney, Janet
APPLICANT: Stienthergy, Janet
APPLICANT: Stienthergy, Janet
APPLICANT: Bergmann, John
TITLE OF INVENTION: AGONISTS OF THE NON-PROTECLYTICALLY ACTIVATED THROMBIN
TITLE OF INVENTION: RECEPTOR
TITLE OF INVENTION: RECEPTOR
FILE REFERENCE: 3033.1003-004
CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 09/909,348
PRIOR FILING DATE: 2000-07-09
PRIOR APPLICATION NUMBER: 60/219,800
PRIOR APPLICATION NUMBER: 60/219,800
PRIOR FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
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; GENERAL INFORMATION:
; APPLICATION
; TITLE OF INVENTION: METHODS OF THERAPY WITH THROMBIN DERIVED
; TITLE OF INVENTION: PREPRIDES
; TITLE OF INVENTION: PREPRIDES
; FILE REFERENCE: 303.1000-008
; CURRENT APPLICATION NUMBER: US/10/050,611
; GENERAL TILING DATE: 2001-01-16
; PRIOR RILING DATE: 2001-07-12
; PRIOR FILING DATE: 2001-07-12
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 4
; SOPTWARE: FASESEQ for Windows Version 4.0
; SEQ ID NO 1
                                                                                                                                                  Length 4;
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100.0%; Score 21; DB 13;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 4; Conservative 0; Mismatches 0;
                                                                                                                                          h Similarity 100.0%; Score 21; DB 13; Similarity 100.0%; Pred. No. 9.5e+05; 4; Conservative 0; Mismatches 0;
                                                                      ; OTHER INFORMATION: fragment of human prothrombin US-10-050-692-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: human fragment of thrombin US-10-050-611-1
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                            Query Match
Best Local Similarity
Matches 4; Conserv
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SHIH, POJEN
JESSE, JOEL A.
SCHIFFERLI, KEVIN P.
GEBEYZHU, GULLLAT
TITLE OF INVENTION: PEPTIDE-ENHANCED TRANSFECTIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: GREENLES, WINNER & SULLIVAN STREET: 5370 MANHATTAN CIRCLE, SUITE 201 CITY: BOULDER STATE: CO
                                                                                                                                          Query Match
100.0%; Score 21; DB 13;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 4; Conservative 0; Mismatches 0;
                                                  ; OTHER INFORMATION: peptide fragment of thrombin US-10-050-688-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/911,569
FILING DATE: 13-040-2001
APPLICATION NUMBER: US 09/039,780
FILING DATE: 16-MAR-1998
APPLICATION NUMBER: US 08/618,200
FILING DATE: 14-MAR-1996
APPLICATION NUMBER: US 08/658,130
FILING DATE: 04-JUN-1996
APPLICATION NUMBER: US 08/477,354
FILING DATE: 07-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: SULLIVAN, SALLY A.
REGISTRATION NUMBER: 32,064
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/200,879
FILING DATE: 23-U11-2002
CLASSIFICATION: <UNKNOWN>
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MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 23, Application US/10200879
Publication No. US20030144230A1
GENERAL INFORMATION:
APPLICANT: HAWLEY-NELSON, PAMELA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (303) 499-800
TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 23:
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LENGTH: 4 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
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ZIP: 80303
COMPUTER READABLE FORM:
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RGDS 4
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RESULT 11
US-09-925-715-21
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Sequence 9, Application US/09010714

Sequence 9, Application US/09010714

Sequence 9, Application US/09010714

GENERAL INFORMATION:
APPLICANT: McCarthy, James B.
APPLICANT: Furcht, Leo T.
APPLICANT: Furcht, Leo T.
TITLE OF INVENTION: POLYPEPTIDES WITH ALPHA 4 INTEGRIN SUBUNIT RELATED

TITLE OF INVENTION: ACTIVITY
FILE REPRENSE: 600.332301

CURRENT APPLICATION NUMBER: US/09/010,714

CURRENT FILING DATE: 1998-01-22

NUMBER OF SEQ ID NOS: 11

SOFTWARE: PatentIn Ver. 2.0
                                                                   Gaps
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US-09-823-444-6
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                               Query Match
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
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75.0%; Pred. No. 9.5e+05;
tive 1; Mismatches 0; Indels
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                                                                                                                                                                            APPLICANT:

APPLICANT:
Bednar, Bohmail
APPLICANT:
APPLICANT:
APPLICANT:
BOLLag, Robert J.
APPLICANT:
CURRENT PRILING DATE:
CURRENT FILING DATE:
CURRENT FILING DATE:
SEQ ID NO 6
SEQ ID NO 6
LENNYTH: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 75...
3; Conservative
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Best Local Similarity 75.0
Matches 3; Conservative
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ORGANISM: Homo sapiens
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1 RGDA 4
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US-10-200-879-23
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LENGTH: 4
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RESULT 12
US-09-935-168-1
US-09-935-168-1
Sequence 1, Application US/09935168
Patent No. US2002010679341
GENERAL INFORMATION:
APPLICANT: West, Jennifer L.
APPLICANT: Mann, Brenda K.
TITLE OF INVENTION: Tissue Engineering Scaffolds Promoting Matrix Protein Production Fine Repersence: RICE 103
CURRENT APPLICATION WUMBER: US/09/935,168
CURRENT APPLICATION WUMBER: US/09/935,168
CURRENT FILING DATE: 2001-08-21
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 4
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Sequence 21, Application US/09925715
Patent No. US20020102217A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Nycomed Imaging AS
TITLE OF INVENTION: agents
TITLE OF INVENTION: agents
FILE REFERENCE: REF/Kavenes/206
CURRENT APPLICATION NUMBER: US/09/925,715
CURRENT FILING DATE: 2001-08-10
SUUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Description of Artificial Sequence:Synthetic RGDS; OTHER INFORMATION: sequence
US-09-925-715-21
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Publication No. US2020197700A1
GENERAL INFORMATION:
APPLICANT: MENRAD, ANDREAS
APPLICANT: REDLITZ, ALEXANDER
APPLICANT: REDLITZ, MARCUS
APPLICANT: EGNER, URSULA
APPLICANT: BAHR, URNE
APPLICANT: BAHR, URNE
APPLICANT: SCH-1832
FILE REFERENCE: SCH-1832
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 18; DB 9; Length 4;
Pred. No. 9.5e+05;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , OTHER INFORMATION: cell adhesion ligand US-09-935-168-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 75.0%;
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: artificial sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
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; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-911-569-22
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                                                                               Query Match
Best Local Similarity
Matches 3; Conserv
                                                                                                                                                              1 RGDA 4
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                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
CHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-942-117-5
                                                                                                                                                                                                                                                                                                                                                                                         ;
0
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Publication No. US20030069173A1
GENERAL INFORMATION:
APPLICANT: HAWLEY-NELSON, PAMELA
LAN, JIANQING
SHIH, POJEN
JESSE, JOEL A.
SCHIFFERLI, KEVIN P.
GEBEYEHU, GULLLAT
TITLE OF INVENTION: PEPTIDE-ENHANCED TRANSFECTIONS
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                            Score 18; DB 9; Length 4;
Pred. No. 9.5e+05;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/911,569
FILING DATE: 3-Jul-2001
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSER: GREENLEE, WINNER & SULLIVAN
STREET: 5370 MANHATTAN CIRCLE, SUITE 201
CITY: BOULDER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATELICATION NUMBER: US 09/039,780
FILING DATE: 16-MAR-1998
ATTORNEY/AGENT INFORMATION:
NAME: SULLIVAN, SALLY A.
REGISTRATION NUMBER: 32,064
REFERENCE/DOCKET NUMBER: 32-95D
TELECOMINICATION INFORMATION:
TELEPHONE: (303)499-8080
CURRENT APPLICATION NUMBER: US/09/942,117
CURRENT FILING DATE: 2002-06-24
PRIOR PRILOR APPLICATION NUMBER: DE 10045803.3
PRIOR FILING DATE: 2000-09-07
PRIOR FILING DATE: 2001-05-20
PRIOR FILING DATE: 2001-05-20
SOFTWARE: Patentin Ver. 2.1
SEQID NO 5
FOLD NO 5
FOLD NO 5
                                                                                                                                                                                                                                                                                                                                                                                         1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 4 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (303)499-8089 INFORMATION FOR SEQ ID NO: 22: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                85.7%;
75.0%;
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COMPUTER READABLE FORM:
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Best Local Similarity 75.03
Matches 3; Conservative
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COUNTRY: U
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US-09-911-569-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .
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0
                                                                                                                                                                                                                                                                                      APPLICANT: Bucdny, John A.
TITLE OF INVENTION: Compositionand Method for Bone Regeneration
FILE REPERBNCE: 1008-120.US
CURRENT APPLICATION NUMBER: US/09/991,588B
CURRENT FILING DATE: 2001-11-21
PRIOR APPLICATION NUMBER: US 09/122,348
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 23
SEQ ID NO 23
Score 18; DB 10; Length 4; Pred. No. 9.5e+05; 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 18; DB 11; Length 4;
Pred. No. 9.5e+05;
1; Mismatches 0; Indels
                                                                                                                                                                                                                  US-09-991-588B-23
, Sequence 23, Application US/09991588B
; Publication No. US20030219429A1
, GENERAL INFORMATION:
  85.7%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       85.7%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 75.0
Matches 3; Conservative
                                             Conservative
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1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/RCT_MEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/RCT_MEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

12: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/USO9_NEW_PUB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*
                                  GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1049977 seqs, 258955339 residues
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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71
1 RGDACXGDSGGPXV 14
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                                                                                                                                                                                                                                                                                                                                                                Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Database :
                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Searched:
                                                                                                                                                                                                                                  Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 4, Appli Sequence 6, Appli Sequence 20, Appli Sequence 31, Appli Sequence 31, Appli Sequence 32, Appli Sequence 34, Appli Sequence 35, Appli Sequence 35, Appli Sequence 35, Appli Sequence 36, Appli Sequence 37, Appli Sequence 38, Appli Sequence 4, Appli Description 3 US.10-050-692-4 3 US.10-050-698-4 US.09-380-4218-20 US.09-380-4218-20 US.10-341-979-8 US.09-810-748-3215 US.09-810-87-109 US.09-852-455-35 US.09-852-455-35 US.09-852-455-35 US.09-852-455-35 US.09-852-455-36 US.09-852-455-37 US.09-852-455-37 US.09-852-455-36 US.09-852-455-37 US.09-852-455-37 US.09-852-455-37 US.09-852-455-37 US.09-852-455-37 US.09-852-455-37 US.09-852-455-37 US.09-852-455-37 SUMMARIES DB Length Query Match Score Result

16	Sequence 10, Appl	17	17	92	uı	23,	23,	33,	~ '8	Sequence 14, Appl	13,	168,	93,	97,	101	15,	Sequence 84, Appl	32(ij	77,	108,	equence 29,	equence 16,	158,	63,	'n		12	Sequence 9, Appli
-79	74-47	206-6	206-699-1	193	193-477-1	091-724-	431-04	39	US-09-854	-003A-	US-09-817-198A-1	126-290-16	999	219	US-10-22	194	285-394	285-394-3	374-53	6 US-10-264-309-7	US-09-81	.66	US-09-850-715-1	US-09-982-	US-09-821-831-6	3 US-10-038-97	-206-699-	5 US-10-266-829	9 US-09-838-050-9
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
e S	24 33.8	4 3	4 3	3.5	.5	е е	9	9	2	22 31.0	2	3	2	2	2	2	3	2	3	2 31.	7	1 2	7	1 2	C1	7	7	CA	(N
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	3.7	38	33	40	41	42	43	44	45

ALIGNMENTS

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OTHER INFORMATION: Peptide fragment of Thrombin NAME/KEY: VARIANT LOCATION: (1)...(14)
OTHER INFORMATION: Xaa at position six is Glu or Gln
OTHER INFORMATION: Xaa at position thirteen is Phe, Met, Leu, His or Val
Sequence 4. Application US/09909122

Sequence No. US20020128202A1

GENERAL INFORMATION:

APPLICANT: Carney, Darrell H.

APPLICANT: Simmons, David J.

APPLICANT: Simmons, David J.

APPLICANT: Redin, William R.

TITLE OF INVENTION: Stimulation Of Bone Growth With Thrombin TITLE OF INVENTION: Peptide Derivatives

FILE REFERENCE: 3033.1002-001

CURRENT FILING DATE: 2001-07-19

PRIOR APPLICATION NUMBER: US 60/219,300

PRIOR PILING DATE: 2000-07-19

NUMBER OF SEQ ID NOS: 5

SOFTWARE: FRESCE FOR Windows Version 4.0

SEQ ID NO 4

LENGTH: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           94.4%; Score 67; DB 9; Length 14; 100.0%; Pred. No. 0.00088; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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1 RGDACXGDSGGPXV 14 RGDACXGDSGGPXV 14 Query Match
Best Local Similarity 100.
Matches 14; Conservative q ਨੇ

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Gaps

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FEATURE:
OTHER INFORMATION: peptide fragment of thrombin
FEATURE:
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Pred. No. 0.18;
0; Mismatches
                                        NAME/KEY: VARIANT
LOCATION: (6)...(6)
OTHER INFORMATION: Xaa = Glu or Gln
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
, OTHER INFORMATION: BLOCKS domain US-09-885-441-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 75.0%;
Matches 9; Conservative
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US-09-300-425B-20
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US-09-885-441-6
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Bublication No. US20020182205A1

GENERAL INFORMATION:

APPLICANT: Crowther, Roger S.

APPLICANT: Crowther, Roger S.

APPLICANT: Semons, David J.

APPLICANT: Simons, David J.

APPLICANT: Redin, William R.

ITILE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROMBIN

TITLE OF INVENTION: PEPTIDE DERIVATIVES

FILE REFERENCE: 3033.1002-004

FILE REPERENCE: 3033.1002-004

FILE REPERENCE: 2002-01-16

PRIOR APPLICATION NUMBER: 09/909,122

PRIOR APPLICATION NUMBER: 09/909,122

PRIOR APPLICATION NUMBER: 60/219,300

PRIOR FILING DATE: 2000-07-19

FRING APPLICATION NUMBER: 60/219,300

PRIOR FILING DATE: 2000-07-19

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 4

LENGTH: 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) NAME/KEY: VARIANT;

; LOCATION: (13) ...(13)

; OTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val

US-10-050-692-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: fragment of human prothrombin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: (6) ... (6)
OTHER INFORMATION: Xaa = Glu or Gln
                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 14; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: NAME/KEY: VARIANT
                                                  US-10-050-692-4
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Sequence 20, Application US/09300425B
Publication No. US20030045681A1
GENERAL INFORMATION:
APPLICANT: NERI, Dario
APPLICANT: TARLI, Lorenzo
APPLICANT: TARLI, Lorenzo
APPLICANT: VIII, Francesca
APPLICANT: BIRCHIER, Manfred
TITLE OF INVENTION: CONTAINING THEM AND THERAPEUTIC METHOD FOR TREATMENT OF
TITLE OF INVENTION: ANGIOGENESIS
FILE REPERRICE: SCH-1733P1
CURRENT APPLICATION NUMBER: US/09/300,425B
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Sequence 6, Application US/09885441
Sequence 6, Application US/09885441
Sexeman in US20020146407A1
GENERAL INFORMATION:
APPLICANT: Xiao, Yonghong
TITLE OF INVENTION: Procease 1-Like Enzyme
TITLE OF INVENTION: Procease 1-Like Enzyme
FILE REFERENCE: 04974.00512
CURRENT APPLICATION NUMBER: US/09/885,441
CURRENT FILING DATE: 2000-06-21
PRIOR APPLICATION NUMBER: US 60/212,844
PRIOR FILING DATE: 2000-10-31
PRIOR FILING DATE: 2000-10-31
PRIOR FILING DATE: 2000-10-31
PRIOR FILING DATE: 2000-10-31
PRIOR FILING DATE: 2001-03-30
PRIOR FILING DATE: 2001-03-30
NUMBER OF FEATURE DATE: 2001-03-30
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                    Query Match 94.4%; Score 67; DB 13; Length 14; Best Local Similarity 100.0%; Pred. No. 0.00088; Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 14;
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NAME/KEY: VARIANT
DOCATION: (13)
OTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val
US-10-050-688-4
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NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin version 3.1
SEQ ID NO 8
LENGTH: 14
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                                                                                                               , ORGANISM: mammalian
US-10-341-979-8
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                                                                                          TYPE: PRT
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; OTHER INFORMATION: Description of Artificial Sequence: antibody linker
US-09-300-425B-20
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Publication No. US20030176663A1
GENERAL INFORMATION:
APPLICANT: NEI, DARIO
APPLICANT: TARLI, LORENZO
APPLICANT: TRAIL, LORENZO
APPLICANT: BIRCHIER, MANFRED
TITLE OF INVENTION: SPECIFIC BINDING MOLECULES FOR SCINTIGRAPHY
FILE REFERENCE: NOTAR-1 C1
CURRENT PRINCATION NUMBER: US/10/321,558
CURRENT PLILING DATE: 2000-212-18
PRIOR APPLICATION NUMBER: 09/512,082
PRIOR PELICATION NUMBER: 09/512,082
PRIOR PLING DATE: 1999-04-28
PRIOR PLING DATE: 1999-04-28
PRIOR PLING DATE: 1999-04-28
PRIOR PLING DATE: 1998-05-11
NUMBER OF SEQ ID NOS: 32.
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: linker sequence
US-10-321-558-31
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Explanation Vo. US20040002128A1
GENERAL INFORMATION:
APPLICANT: Hong Kong University of Science & Technology
APPLICANT: Chang, Donald Choy
APPLICANT: Luo, Qian Kathy
TITLE OF INVENTION GFP-BASED METHODS FOR DETECTING APPLICANT
FILE REFERENCE: 32144183-1
CURRENT FILING DATE: 2003-01-11
                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 60.0%; Pred. No. 2e+02;
Matches 6; Conservative 0; Mismatches 4; Indels
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    CURRENT FILING DATE: 1999-04-28
PRIOR APPLICATION UNBER: 09/075,338
PRIOR FILING DATE: 1998-05-11
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO LENGTH: 14
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ORGANISM: Artificial Sequence
                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 6; Conserv
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US-10-341-979-8
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Publication No. US2003005937A1

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind BLyS
FILE REPERENCE: FP5.3

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT PILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR PLING DATE: 2000-61-5

PRIOR PLING DATE: 2000-10-17

PRIOR PLING DATE: 2000-10-17

PRIOR FILING DATE: 2001-03-16

PRIOR FILING DATE: 2001-03-16

PRIOR PLING DATE: 2001-03-21

PRIOR PLING DATE: 2001-03-21

PRIOR PLING DATE: 2001-03-21

PRIOR PLING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

NUMBER OF SEQ ID NOS: 329
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     Length 14;
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APPLICANT: Carter, Darrick
APPLICANT: Znu, Shirley
APPLICANT: Tau, Shirley
APPLICANT: And, Illing Subhashini
APPLICANT: Wang, Aijun Corporation
TITLE OF INVENTION: Immune Medators and Related Methods
FILE REFERENCE: 014059-005670US
CURRENT FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: US 60/191,274
PRIOR APPLICATION NUMBER: US 60/191,274
PRIOR FILING DATE: 2000-03-22
PRIOR FILING DATE: 2000-05-15
PRIOR PLILING DATE: 2000-05-15
PRIOR FILING DATE: 2000-05-15
Score 30; DB 15;
Pred. No. 4.1e+02;
0; Mismatches 4.
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     42.3%;
        Query Match
Best Local Similarity 60.0
Matches 6; Conservative
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Matches 5; Conservative
                                                                                                       2 GDACXGDSGG 11
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Gaps

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Sequence 36, Application US/09852455

Publication No. US20030054348A1

SENERAL INFORMATION:

APPLICANT: BLUME, ARTHUR J.

APPLICANT: BLUME, ARTHUR J.

APPLICANT: PILLUTA, RENUKA

APPLICANT: PILLUTA, RENUKA

APPLICANT: PILLUTA, RENUKA

APPLICANT: PILLUTA, DONN

TITLE OF INVENTION: METHODS OF IDENTIFYING THE ACTIVITY OF GENE PRODUCTS

FILE REPREMENT APPLICATION NUMBER: US/09/852,455

CURRENT APPLICATION NUMBER: 0200-05-09

PRIOR FILING DATE: 2000-05-09

NUMBER OF SEQ ID NOS: 81

SOFTWARE: PATENTIAN OF SEQ ID NOS: 81

SEQ ID NO 3 6

LENGTH: 14
                                                                                                                Score 25; DB 10; Length 14
Pred. No. 2.4e+03;
1; Mismatches 1; Indels
                                                                                                                35.2%;
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Best Local Similarity 66.7°
Thea 4; Conservative
                                                                                                                Query Match 35.2
Best Local Similarity 66.7
Matches 4; Conservative
      ; LENGTH: 14
; TYPE: PRT
; ORGANISM: Cavia porcellus
US-09-852-455-35
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; ORGANISM: Homo sapiens
US-09-852-455-36
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1 GELGGP 6
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GELGGP 6
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Publication No. US20030054348A1

GENERAL INFORMATION:
APPLICAMT: BLUME, ARTHUR J.
APPLICAMT: FILLUTA, RENUENCENCY.
APPLICAMT: PILLUTA, RENUENCENCY.
APPLICAMT: PILLUTA METHODS OF IDENTIFYING THE ACTIVITY OF GENE PRODUCTS
FILE REFERENCE: 2598-4004USI
CURRENT APPLICATION NUMBER: 109/0852,455
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: 60/202,912
PRIOR PELICATION NUMBER: 60/202,912
PRIOR PILLUTA DATE: 2000-05-09
NUMBER OF SEQ ID NOS: 81
SEQ ID NO 3 stentin Ver: 2.1
LENGTH.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 35, Application US/08852455
; Sequence 35, Application US/08852455
; Publication No. US20030054348A1
; GENERAL INFORMATION:
; APPLICANT: BLIDME, ARTHUR J.
; APPLICANT: BLIDME, ARTHUR J.
; APPLICANT: PILLUTA, RENUKA
; APPLICANT: PILLUTA, RENUKA
; APPLICANT: PILLUTA, TRENDESORST, JOHN
; TITLE OF INVERTION: METHODS OF IDENTIFYING THE ACTIVITY OF GENE PRODUCTS
; CURRENT APPLICATION: NUMBER: US/09/852,455
; CURRENT PILLOR DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: (60/202,912
; PRIOR APPLICATION NUMBER: 60/202,912
; RIOR APPLICATION NUMBER: 2000-05-09
; NUMBER OF SEQ ID NOS: 81
; SEQ ID NO 35
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Pred. No. 2.4e+03;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                               35.2%;
                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
PRIOR FILING DATE: 2001-01-23
                  NUMBER OF SEQ ID NOS: 129
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 109
LENGTH: 14
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Best Local Similarity 66.7
Matches 4; Conservative
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ORGANISM: Bos taurus
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Best Local Similarity
Matches 4; Conserv
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1 GELGGP 6
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US-09-852-455-34
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Sequence 37, Application US/09852455
| Sequence 37, Application US/09852455
| Publication No. US2003005434811
| GENEBAL INFORMATION:
| APPLICANT: BILUTA. ARTHUR J.
| APPLICANT: BILUTA. REMUKA. |
| APPLICANT: BILUTA. REMUKA. |
| APPLICANT: PILLUTA. REMUKA. |
| APPLICANT: PILLUTA. REMUKA. |
| APPLICANT: PRENDERGAST, JOHN |
| APPLICANT: PRENDERGAST, JOHN |
| TITLE OF INVENTION: METHODS OF IDENTIFYING THE ACTIVITY OF GENE PRODUCTS |
| FILE REFERENCE: 2598-4004U3. |
| CURRENT FILING DATE: 2000-05-09 |
| FRICK REPLICATION NUMBER: 60/202,912 |
| PRIOR FILING DATE: 2000-05-09 |
| PRIOR FILING DATE: 2000-05-09 |
| PRIOR FILING DATE: 2000-05-09 |
| SEQ ID NO 37 |
| LENGTH: 14 |
| TYPE: PRT |
| ORGANISM: Canis familiaris |
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     DB 10; Length 14;
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35.2%; Score 25; DB 10; Length 14 66.7%; Pred. No. 2.4e+03; tive 1; Mismatches 1; Indels
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Pred. No. 2.4e+03;
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Best Local Similarity
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Search completed: March 18, 2004, 07:27:53
Job time : 40 secs
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US-09-03-03-48-18-18

US-09-03-03-05-18-18

Publication No. US20030054348A1

GENERAL INFORMATION:

APPLICANT: BLUME, ARTHUR J.

APPLICANT: BLLUME, RENURA

APPLICANT: HSIAO, KU-CHUAN

APPLICANT: HSIAO, KU-CHUAN

APPLICANT: PRENDERGAST, JOHN

TITLE OF INVENTION: METHODS OF IDENTIFYING THE ACTIVITY OF GENE PRODUCTS

TITLE OF INVENTION: METHODS OF 108-09

FILE REPERENCE: 2598-40.04U3.

CURRENT FILING DATE: 2001-05-09

PRIOR APPLICATION NUMBER: 60/202,912

PRIOR APPLICATION NUMBER: 60/202,912

PRIOR APPLICATION VET: 2.1

SOFTWARE: PATENTIN Ver: 2.1

SEQ ID NO: 38

LENGTH: 14

TYPE: PAT

TYPE: PAT

CRAMISM: Felis catus
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Publication No. US2003005937A1

GENERAL INFORMATION:

TITLE OF INVENTION: Antibodies that Immunospecifically Bind BLyS

FILE REPRENEUR: PROJECT

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-06-15

PRIOR PLING DATE: 2000-10-17

PRIOR PLING DATE: 2000-10-17

PRIOR PLING DATE: 2000-10-17

PRIOR PLING DATE: 2000-31-6

PRIOR PLING DATE: 2000-31-6

PRIOR PLING DATE: 2000-31-6

PRIOR PLING DATE: 2000-31-6

PRIOR PLING DATE: 2001-03-15

PRIOR PLING DATE: 2001-03-15

PRIOR PLING DATE: 2001-03-21

PRIOR PLING DATE: 2001-03-21
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1; Mismatches
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3218
LENGTH: 14
4; Conservative
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; ORGANISM: Homo sapiens
US-09-880-748-3218
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US-09-880-748-3218
Matches
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1 RGDACXGDSG 10

GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

March 18, 2004, 07:22:05 ; Search time 39 Seconds
 (without alignments)
165.997 Million cell updates/sec Run on:

US-09-909-348-5 141 Title: Perfect score:

1 AGTRYKPDEGKRGDACEGDSGGPFV Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

1049977 segs, 258955339 residues Searched: Total number of hits satisfying chosen parameters:

Minimum DB seq length: 25 Maximum DB seq length: 25

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

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(cgnz_6')ptodata'1/pubpaa/PCT NEW PUB.pep:*
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(cgnz_6')ptodata'1/pubpaa/PCTUB' PUB.COMB.pep:*
(cgnz_6')ptodata'1/pubpaa/PCTUB' PUB.pep:*
(cgnz_6')ptodata'1/pubpaa/PCTUB' PUB.pep:*
(cgnz_6')ptodata'1/pubpaa/USO8_NEW PUB.pep:*
(cgnz_6')ptodata'1/pubpaa/USO8_PUBCOMB.pep:*
(cgnz_6')ptodata'1/pubpaa/USO8_PUBCOMB.pep:* Published_Applications_AA:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 5, Appli	Sequence 5, Appli	Seguence 5, Appli	Sequence 1, Appli	Sequence 37498, A	Sequence 43492, A	Sequence 233, App	Sequence 75, Appl	Sequence 1099, Ap	Sequence 205, App	Sequence 205, App	Sequence 1099, Ap	Sequence 1099, Ap	Sequence 598, App	Sequence 7, Appli
	ID	US-09-909-348-5	US-09-909-122-5	US-10-050-692-5	US-10-353-522A-1	US-09-864-761-37498	US-09-864-761-43492	US-10-280-066-233	US-09-852-455-75	US-09-962-756-1099	US-10-133-128-205	US-10-289-660-205	US-10-253-471-1099	US-10-253-493-1099	US-09-933-767-598	US-10-036-869-7
	DB	. 6	6	13	15	σı	თ	14	10	10	14	14	15	16	10	13
	Query Match Length DB	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
æ	Query Match	100.0	100.0	100.0	27.0	25.5	23.4	22.3	22.0	22.0	22.0	22.0	22.0	22.0	21.3	21.3
	Score	141	141	141	38	36	33	31.5	31	31	31	31	31	31	30	30
	Result No.		7	٣	4	S	9	7	6 0	0	10	11	12	13	14	15

equence 598 equence 11, equence 409 quence 255 equence 255 equence 23, quence 3, p	6 6 6 6 3 7 , 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	quence 322, equence 263 equence 362 equence 118 equence 31, equence 31,	Sequence 4, Appl.1 Sequence 31, Appl Sequence 362, Appl Sequence 26, Appl Sequence 16, Appl Sequence 313, Appl Sequence 119, App
14 US-10-023-28 15 US-10-047-01 14 US-10-097-01 15 US-10-094-40 15 US-10-094-40 15 US-10-462-26 15 US-10-462-5 15 US-10-462-5 15 US-10-463-5 16 US-10-280-05	14 US-10-376-194-3 15 US-10-059-261-31 14 US-10-059-261-31 14 US-10-059-261-31 14 US-10-059-261-31 18 US-08-809-423A-31 9 US-09-864-761-455	9 US-09-744-637A- 10 US-09-774-639- 10 US-09-969-730- 10 US-09-911-569- 13 US-10-067-422- 14 US-10-228-063- 14 US-10-200-979-	4449 44 44 44 44 44 44 44 44 44 44 44 44
30 21.3 30 21.3 28 28 19.9 28 19.9 27.2 19.9 27.1 19.1 25 19.1	7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	26 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	66 18 18 18 18 18 18 18 18 18 18 18 18 18
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ALIGNMENTS

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Sequence 5, Application US/09909348
Patent No. US20020042373A1
GENERAL INFORMATION:
APPLICANT: Carney, Darrell H.
APPLICANT: Crowther, Roger S.
APPLICANT: Stiernberg, Janet
APPLICANT: Bergmann, John to US20020042373A1-Proteolytically Activated Thrombin R.
TITLE OF INVENTION: Of The No. US20020042373A1-Proteolytically Activated Thrombin R.
FILE REFERENCE: 303.1003-001.
CURRENT APPLICATION NUMBER: US/09/909,348
CURRENT APPLICATION NUMBER: US 60/219,800
FRIOR APPLICATION NUMBER: US 60/219,800
FRIOR APPLICATION WINGER: US 60/219,800
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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100.0%; Score 141; DB 9;
Best Local Similarity 100.0%; Pred. No. 6.2e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
, OTHER INFORMATION: Peptide fragment of Thrombin US-09-909-348-5
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RESULT 1
US-09-909-348-5
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1 AGTRYKPDEGKRGDACEGDSGGPFV 25 RESULT 2 US-09-909-122-5 ; Sequence 5, Application US/09909122 g

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                                    APPLICANT: Carney, Darrell H.
APPLICANT: Carney, Darrell H.
APPLICANT: Carney, Dayler S.
APPLICANT: Simmons, David J.
APPLICANT: Simmons, David J.
APPLICANT: Wang, Jinping
APPLICANT: Wang, Jinping
FILE REPERCENCE: Solar, William R.
TITLE OF INVENTION: Peptide Derivatives
FILE REPERCENCE: 3033.1002-001
CURRENT APPLICATION NUMBER: US/09/909,122
CURRENT PILING DATE: 2001-07-19
FRIOR PEPLICATION NUMBER: US 60/219,300
FRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-050-0592-5

Sequence 5, Application US/10050692

Publication No. US20020182205A1

SEGNERAL INPORMATION:

APPLICANT: Carney, Darkell H.

APPLICANT: Crowther, Roger S.

APPLICANT: Simmons, David J.

APPLICANT: Simmons, David J.

APPLICANT: Walliam R.

ITILE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROMBIN

TITLE OF INVENTION: SPETIDE DERIVATIVES

FILE REFERENCE: 3033.1002-004

CURRENT APPLICATION NUMBER: US/10/050,692

CURRENT FILING DATE: 2002-01-16

PRIOR FILING DATE: 2001-07-19

PRIOR FILING DATE: 2001-07-19

PRIOR FILING DATE: 2000-07-19

PRIOR FILING DATE: 2000-07-19

PRIOR FILING DATE: 2000-07-19

SOFTWARE: FASESEQ for Windows Version 4.0

SEQ ID NO 5

LENGTH: 25
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100.0%; Score 141; DB 9;
Best Local Similarity 100.0%; Pred. No. 6.2e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
100.0%; Score 141; DB 13;
Best Local Similarity 100.0%; Pred. No. 6.2e-12;
Matches 25; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Peptide fragment of Thrombin US-09-909-122-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 AGTRYKPDEGKRGDACEGDSGGPFV 25
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
US20020128202A1
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RESULT 4

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GENERAL INCOGRAPTION:
APPLICANT: Rear, David R.
APPLICANT: Hancel, David R.
APPLICANTON: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE BY MICROARRAY
CURRENT PELLICA DATE: 2001-05-23
FRICK PELLING DATE: 2000-02-04
FRICK PELLING DATE: 2000-02-04
FRICK PELLING DATE: 2000-06-06-07
FRICK PELLING DATE: 2000-06-06-07
FRICK PELLING DATE: 2000-06-06-07
FRICK PELLING DATE: 2000-10-30
FRICK PELLING DATE: 2001-01-30
FRICK PELLING DATE: 2001-01-03
FRICK FILING DATE: 200
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                                                                                                           APPLICANT: Welgene Pharmaceuticals, Inc.
APPLICANT: Welgene Pharmaceuticals, Inc.
APPLICANT: Park, Jong-Gu
APPLICANT: Moon, Ik-Jae
APPLICANT: Moon, Ik-Jae
APPLICANT: Kin, Young-Cheol
IITLE OF INVENTION: Peptide for Increasing Transfection Efficiency
FILE REFERENCE: 27354-13USA
CURRENT APPLICATION NUMBER: US/10/353,522A
CURRENT FILING DATE: 2003-01-28
SOFTWARE: Patentin version 3.2
SOFTWARE: Patentin version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: RGD-RGD-TatC-RGD-RGD
US-10-353-522A-1
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APPLICATION NUMBER: PCT/US01/00661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-864-761-37498
; Sequence 37498, Application US/09864761
; Patent No: US20020048763A1
Sequence 1, Application US/10353522A
Publication No. US20030216296A1
GENERAL INFORMATION:
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ORGANISM: artificial
FEATURE:
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Sequence 233, Application US/10280066
; Sequence 233, Application US/10280066
; Publication No. US2030180718A1
GENERAL INFORMATION:
APPLICANT: Pillutla, Renuka C.
APPLICANT: Browt, Michel
APPLICANT: Browt, Michel
APPLICANT: Browt, Michel
APPLICANT: Browt, John
APPLICANT: Blume, Arthur J.
APPLICANT: Blume, Art
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CTHER INFORMATION: MAP TO AC006324.2

CTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.6

OTHER INFORMATION: EXPRESSED IN LIVE, SIGNAL = 0.72

OTHER INFORMATION: EXPRESSED IN BEAIN, SIGNAL = 0.8

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.75

US-09-864-761-43492
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PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PELICATION NUMBER: PCT/USO1/00662
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2000-09-21
PRIOR PLING DATE: 2000-09-21
PRIOR PLING DATE: 2000-09-21
PRIOR PLING DATE: 2000-09-21
PRIOR PLING DATE: 2000-09-30
PRIOR APPLICATION NUMBER: US 09/774,203
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; OTHER INFORMATION: 07902-DG12-20M-PP-EC-CS
US-10-280-066-233
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
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SEQUENCE 43492, Application US/09864761

PAPELICANT: Penn, Sharron G.

APPLICANT: Penn, Wensheng

ITITLE OF INVENTION: HUMAN GENEN-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ITITLE OF INVENTION: HUMAN GENEN-DERIVED SINGLE EXON NUCLEIC ACID FORDER

ITITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY FILE REPRESSION ANALYSIS BY MICROARRAY

ITITLE OF INVENTION: HUMBER: US 60/180,312

PRIOR FILING DATE: 2000-05-04

PRIOR PAPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-04

PRIOR PLICATION NUMBER: US 60/226,359

PRIOR PLICATION NUMBER: US 60/236,359

PRIOR PLICATION NUMBER: PCT/US01/00666

PRIOR PLICATION NUMBER: PCT/US01/00666

PRIOR PLICATION NUMBER: PCT/US01/00666

PRIOR PLICATION NUMBER: PCT/US01/00666

PRIOR PLICATION NUMBER: PCT/US01/00669

PRIOR PLICATION NUMBER: PCT/US01/00669

PRIOR PLILING DATE: 2001-01-30

PRIOR PLILING DATE: 2001-01-30

PRIOR PLILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE: NAME SUPPLIES

OTHER INFORMATION: AZPRESSED IN PLACENTA, SIGNAL = 10
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 10
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 9
OTHER INFORMATION: EXPRESSED IN HEARY, SIGNAL = 8.6
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 9.1
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 9.1
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 10
OTHER INFORMATION: EXPRESSED IN PETAL LIVER, SIGNAL = 10
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 10
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 10
OTHER INFORMATION: EXPRESSED IN BOULT LIVER, SIGNAL = 10
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 9.5
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 9.5
OTHER INFORMATION: SYRESSED IN BONE MARROW, SIGNAL = 9.5
OTHER INFORMATION: SYRESSED IN BONE MARROW, SIGNAL = 9.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 25.5%; Score 36; DB 9; Length 25; Best Local Similarity 66.7%; Pred. No. 5.9e+02; Matches 6; Conservative 1; Mismatches 2; Indels
     PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers: 1.1
SEQ ID NO 37498
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
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22.0%; Score 31; DB 10; Length 25; 57.1%; Pred. No. 2.7e+03;
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                                                                                         0; Indels
                                                                                              3; Mismatches
                                                                                                                                                                                                                                                 RESULT 10
US-10-133-128-205
US-10-133-128-205

, Sequence 205, Application US/10133128
, Publication No. US20030082630A1
, GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 46.2
Matches 6; Conservative
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                                                                  Best Local Similarity 57.1
Matches 4; Conservative
                                                                                                                                                                   |::|||:
16 GEAGGPY 22
                                                                                                                                      18 GDSGGPF 24
       US-09-962-756-1099
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US-10-289-660-205
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                                                 Query Match
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                                                                                                               Sequence 75. Application US/09852455
; Sequence 75. Application US/09852455
; Publication No. US20030054348A1
; GENERAL INFORMATION:
    APPLICANT: BLUME, ARTHUR J.
    APPLICANT: PILLUTA, RENURA
    APPLICANT: PILLUTA, RENURA
    APPLICANT: PIRNDERGAST, JOHN
    TITLE OF INVENTION: METHODS OF IDENTIFYING THE ACTIVITY OF GENE PRODUCTS
    TILE REPERENCE: 2598-4004US1
    CURRENT APPLICATION NUMBER: 05/202,912
    PRIOR APPLICATION NUMBER: 60/202,912
    PRIOR APPLICATION NUMBER: 60/202,912
    PRIOR PILLUR DATE: 2001-05-09
    PRIOR PILLUR DATE: 2001-05-09
    NUMBER OF SEQ ID NOS: 81
    SOFTWARE: Patentin Ver: 2.1
    SEQ ID NO 75
    LENGTH. . . .
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APPLICANT: PILLUTLA, RENUKA
APPLICANT: PILLUTLA, RATHUR J.
APPLICANT: BLUME, ARTHUR J.
APPLICANT: SCHAFFER, LAUGE
APPLICANT: COLDSTER, NELL I.
APPLICANT: SPETZLER, JANE
APPLICANT: OSTERGAARD, SOREN
APPLICANT: OSTERGAARD, SOREN
APPLICANT: NELL OF INVENTION: INSULIN AND IGF-1 RECEPTOR AGONISTS
FILE REFERENCE: 1878-4051US1
CURRENT APPLICATION NUMBER: U9/952,756
CURRENT APPLICATION NUMBER: U9/538,038
PRIOR FILING DATE: 1998-09-02
PRIOR FILING DATE: 1998-09-02
NUMBER OF SEQ ID NOS: 2227
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 1099
LENGTH: 25
LENGTH: 25
LENGTH: 25
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NAME/KEY: MOD RES
LOCATION: (13)
OTHER INFORMATION: Unknown amino acid; translation read-through at
OTHER INFORMATION: TGA stop codon
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10 AGFRLVRGAGDRGD-CE 25
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Best Local Similarity 75.0
Matches 6; Conservative
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US-09-852-455-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18 GDSGGPFV 25
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US-09-962-756-1099
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Gaps
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MAME/KEY: misc feature

LOCATION: (1)...(12)

OTHER INFORMATION: This region may vary in length from 1-12 residues, OTHER INFORMATION: 3-9 residues, 4-8 residues or 4-7 residues

FRAITURE:

NAME/KEY: misc feature

LOCATION: (14)...(25)

OTHER INFORMATION: This region may vary in length from 1-12 residues, OTHER INFORMATION: 3-9 residues, 4-8 residues or 4-7 residues
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| JOST A. |
| APPLICANT: KOLEMAN, JOOST A. |
| APPLICANT: STEMMER, WILLEM P.C. |
| TITLE OF INVENTION: COMBINATORIAL LIBRARIES OF MONOMER DOMAINS |
| FILE REFERENCE: 0319 41005 |
| CURRENT APPLICATION NUMBER: US/10/133,128 |
| CURRENT APPLICATION NUMBER: 06/374,107 |
| PRIOR FILING DATE: 2002-04-18 |
| PRIOR FILING DATE: 2002-04-18 |
| PRIOR FILING DATE: 2001-11-26 |
| PRIOR FILING DATE: 2001-11-19 |
| PRIOR FILING DATE: 2001-11-16 |
| SEQ ID NOS: 244 |
| SOFTWARE: PATENTIN VEY: 2.1 |
| SEQ ID NO 205 |
| PRIOR FILING DATE: 2001-04-26 |
| NUMBER OF SEQ ID NOS: 244 |
| SOFTWARE: PATENTIN VEY: 2.1 |
| SEQ ID NO 205 |
| PRIOR FILING DATE: 2001-04-26 |
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Fublication No. US2033157561A1
Fublication No. US2033157561A1
Fublication No. US2033157561A1
Fublication No. US2033157561A1
APPLICANT: KOLKMAN, JOOST A.
APPLICANT: STEWNER, WILLEM P.C.
TITLE OF INVENTION: COMBINATORIAL LIBRARIES OF MONOMER DOMAINS
FILE REFERENCE: 0319.510US
CURRENT APPLICATION NUMBER: US/10/289,660
CURRENT FILING DATE: 2003-11-06
PRIOR APPLICATION NUMBER: 10/133,128
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Query Match
     Matches
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TITLE OF INVENTION: INSULIN AND IGP-1 RECEPTOR AGONISTS AND ANTAGONISTS
TITLE OF INVENTION: INSULIN AND IGP-1 RECEPTOR AGONISTS AND ANTAGONISTS
TILL REPREBENCE: 1878-4657
CURRENT APPLICATION NUMBER: US/10/253,471
CURRENT FILING DATE: 2002-09-24
PRIOR FILING DATE: 2001-09-24
PRIOR APPLICATION NUMBER: 09/962,756
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
RIOR FILING DATE: 1998-09-02
NUMBER OF SEQ ID NOS: 2227
NUMBER OF SEQ ID NOS: 2227
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NAME/KEY: misc feature
LOCATION: (1). (12)
COTHER INFORMATION: This region may vary in length from 1-12 residues,
OTHER INFORMATION: 3-9 residues, 4-8 residues or 4-7 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (14)..(25)
OTHER INFORMATION: This region may vary in length from 1-12 residues,
OTHER INFORMATION: 3-9 residues, 4-8 residues or 4-7 residues
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i OTHER INFORMATION: Unknown amino acid; translation read-through
i) OTHER INFORMATION: TGA stop codon
US-10-253-471-1099
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PRIOR FILING DATE: 2002-04-26
PRIOR PAPLICATION NUMBER: 60/374,107
PRIOR FILING DATE: 2002-04-18
PRIOR FILING DATE: 2001-11-8
PRIOR PILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: 60/337,209
PRIOR PILING DATE: 2001-11-19
PRIOR PELING DATE: 2001-11-19
PRIOR PELING DATE: 2001-11-19
PRIOR PELING DATE: 2001-11-19
PRIOR PELING DATE: 2001-11-19
PRIOR FILING DATE: 2001-04-26
NUMBER OF SEQ ID NOS: 244
SOFTWARE: PATENTIN VET: 2.1
LENGTH: 25
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 46.2%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
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LENGTH: 25
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Publication No. US20040023887A1
APPLICANT: PILLUTIA, RENUKA et al.
TITLE OF INVENTION: INSULIN AND IGF-1 RECEPTOR AGONISTS AND ANTAGONISTS FILE REPRENCE: 1878-4056
CURRENT PILLING DATE: 2002-09-24
PRIOR APPLICATION NUMBER: 09/962,756
PRIOR APPLICATION NUMBER: 09/962,756
PRIOR APPLICATION NUMBER: 09/538,038
PRIOR APPLICATION NUMBER: 09/538,038
PRIOR APPLICATION NUMBER: 09/146,127
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR PILLING DATE: 2000-03-29
PRIOR PILLING DATE: 2000-03-29
PRIOR FILING DATE: 1098-09-02
   Gaps
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OTHER INFORMATION: Unknown amino acid, translation read-through at
OTHER INFORMATION: TGA stop codon
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Indels
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      Mismatches
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FILING DATE: 1997-06-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/048,881
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ORGANISM: Artificial Sequence
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1099
LENGTH: 25
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4; Conservative
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                                                            18 GDSGGPF 24
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Matches 4; Conserv
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R FILING DATE: 1997-06-06

R APPLICATION NUMBER: 60/048,880

R FILING DATE: 1997-06-06

R FILING DATE: 1997-06-06

R FILING DATE: 1997-06-06

R FILING DATE: 1997-06-06

R APPLICATION NUMBER: 60/048,876

R APPLICATION NUMBER: 60/048,895

R APPLICATION NUMBER: 60/048,895
                                                                                                                                                                                                                                                                                                          R FILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/048,964
R FILING DATE: 1997-06-06
R PPLICATION NUMBER: 60/048,882
R FILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/048,899
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R APPLICATION NUMBER: 60/048,893
R FILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/048,900
R FILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/048,901
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R FILING DATE: 1997-06-06
R FILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/049,313
R FILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/049,373
R FILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/049,374
R APPLICATION NUMBER: 60/049,374
R RAPLICATION NUMBER: 60/049,374
R RELIGN DATE: 1997-06-06
R APPLICATION NUMBER: 60/049,374
R APPLICATION NUMBER: 60/049,374
R APPLICATION NUMBER: 60/049,374
R APPLICATION NUMBER: 60/049,374
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R APPLICATION NUMBER: 60/048,892

R FILING DATE: 1997-06-06

R APPLICATION NUMBER: 60/048,915

R FILING DATE: 1997-06-06

R APPLICATION NUMBER: 60/049,019

R APPLICATION NUMBER: 60/049,019

R APPLICATION NUMBER: 60/049,019

R APPLICATION NUMBER: 60/049,910

R FILING DATE: 1997-06-06
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R FILING DATE: 1997-06-06.
R APPLICATION NUMBER: 60/048,974
R PILING DATE: 1997-06-06
R APPLICATION NUMBER: 60/048,883
R FILING DATE: 1997-06-06
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APPLICATION WINGBER: 60/048,894
ELING DATE: 1997-06-06
APPLICATION NUMBER: 60/048,971
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FILING DATE: 1997-06-06
APPLICATION NUMBER: 60/048,962
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FILING DATE: 1997-06-06
APPLICATION NUMBER: 60/068,054
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APPLICATION NUMBER: 60/048,877
FILING DATE: 1997-06-06
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APPLICATION NUMBER: 60/048,897
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APPLICATION NUMBER: 60/048,963
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    PRICOR
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Sequence 7, Application US/10036869

Publication No. US20020151516A1

GENERAL INFORMATION:

APPLICANT: Mixeon, James A

ITLE OF INVENTION: CARRIER: DNA COMPLEXES CONTAINING DNA

THERAPY

THERAPY
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Connolly, Bove, Lodge, & Hutz
STREET: 1220 Market Street, P.O. Box 2207
CITY: Wilmington
STATE: Delaware
COUNTY: U.S.A.

ZIP: 19899
COMPUTER READABLE FORM:
MEDIUM TYPE: Bloppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BASTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/036,869
FILING DATE: 29-No. US20020151516A1-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     21.3%; Score 30; DB 10; Length 25; ilarity 42.9%; Pred. No. 3.7e+03; Conservative 3; Mismatches 5; Indels
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APPLICATION NUMBER: US/08/985,526
FILING DATE: -CUNKNOWN>
APPLICATION NUMBER: US 08/608,845
FILING DATE: 16-JUL-1996
ATTORNEY/AGENT INFORMATION:
TELECOMMUNICATION INFORMATION:
PRIOR FILING DATE: 1997-12-18
PRIOR PILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,160
PRIOR APPLICATION NUMBER: 60/073,160
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1998-01-30
PRIOR PILING DATE: 1998-01-30
PRIOR PILING DATE: 1998-01-30
PRIOR PILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/085,925
PRIOR APPLICATION NUMBER: 60/085,925
PRIOR PILING DATE: 1998-05-18
PRIOR PILING DATE: 1998-07-15
PRIOR PILING DATE: 1998-07-15
PRIOR PILING DATE: 1998-07-15
PRIOR PILING DATE: 1998-07-15
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PRIOR PILING DATE: 1998-07-15
PRIOR PELING DATE: 1908-07-15
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CORGANISM: Homo sapiens
US-09-933-767-598
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Best Local Similarity
Matches 6; Conservat
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US-10-036-869-7
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